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ABSTRACT

The emphasis of this publication is on new or proposed physician support training programs which are in the advanced planning or pilot stages and on operational programs which have not yet received accreditation or have only recently been accredited. Detailed data were gathered for 71 programs through mailed questionnaire or telephone surveys, and this data is summarized according to whether the programs have varied entrance requirements or extend nursing roles. The programs are listed alphabetically by state and city and contain the following information: (1) program title, (2) title of graduates, (3) institution name and address, (4) program director(s) and address, (5) affiliated institution(s), (6) stage of development, (7) length of program, (8) curriculum description, (9) credential awarded, (10) minimum and additional preferred requirements, (11) number of students enrolled and graduated, and (12) availability of financial aid. In addition to the 71 programs for which complete information was obtained, the publication lists the director and address of 41 programs for which no detailed information was available at the time of the survey. Sources of further information concerning several of the programs are appended. (SB)

Health
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Data

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Selected
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For

Physician Support Personnel

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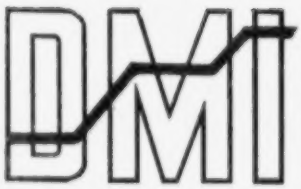

Health Manpower Data

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ED 068674

Selected Training Programs For PHYSICIAN SUPPORT PERSONNEL

DHEW Publication No. (NIH) 72–183

June 1970
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Revised May 1972

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Institutes of Health
Bureau of Health Manpower Education
Division of Manpower Intelligence

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PREFACE

The Bureau of Health Manpower Education was established to provide leadership in planning, conducting, coordinating, and evaluating the Nation's health manpower education programs. Two recent developments in health manpower education are of particular interest to the public and to the Bureau – the training of new types of physician support personnel and the extension of the roles of traditional medical personnel to perform tasks which can be safely delegated by the physician. These tasks include taking of medical histories, physical examinations, therapeutic procedures, as well as other more complicanted diagnostic and surgical procedures.

These new types of physician support personnel are becoming increasingly popular. Because the field is new, there is little standardization of job definition, course content, prerequisites for entrance, and titles of training programs. Job titles of graduates include: "Physician's Assistant," "Physician's Associate," "Medex," "Clinical Corpsman," "Child Health Associate," "Pediatric Nurse Practitioner," "Nurse Clinician," and many more. Some programs offer college credit, others do not. Some are developing physician's assistants in primary care, others are training physician's assistants in medical specialties.

The emphasis of this publication is on new or proposed programs which are in the advanced planning or pilot stages and on operational programs which have not yet received accreditation or have only recently been accredited. Listing in this publication does not constitute endorsement of the program by the Bureau. Information about training programs in this emerging occupational field has been collected and published because it is not readily available elsewhere.

This third edition of "Selected Training Programs for Physician Support Personnel" is based upon survey data. The previous two issues were compiled from available informtion from various sources. Because of the rapid growth in the number of such training programs and a desire to collect uniform data, a survey questionnaire was designed in the spring of 1971 to gather data for this publication. (A detailed discussion of the survey is found on page 99.) The growth of this field is reflected by the fact that the first edition in 1970 listed 67 programs, while the current edition lists 112 programs.

A number of programs were identified after the survey was completed. The last section of this publication contains summaries of programs for which complete information was not obtained. For any additional information contact program directors at the addresses indicated.

Accreditation and Guidelines for Developing Programs

Accreditation procedures have not been established for most of the new categories of training programs for physician support personnel. Only two types of programs were accredited as of January 1, 1972: physician's assistants in orthopedic and in primary care. Persons interested in the accreditation status of other training programs may contact individual program directors or the American Medical Association, Department of Medical Education.

At present, the American Urological Association is working with the AMA to establish the mechanisms for accrediting training programs for urologic assistants. The American Academy of Pediatrics and the American Nurses Association have issued joint guidelines for accrediting training programs for pediatric nurse associates. Similar negotiations are being conducted between the American Academy of Pediatrics and the American Association of Medical Assistants to establish accreditation standards for training programs for pediatric assistants. Persons interested in the accreditation status of these programs may contact the program directors or the Assiciation and Academies.

Other organizations that have published statements defining types of physician's assistants include the National Academy of Sciences, the Association of American Medical Colleges, and the American Hospital Association. Guidelines by the AMA Council on Health Manpower for the development of new health occupations were published in the *Journal of the American Medical Association* of August 17, 1970. Copies are available from the AMA.

Legislative Developments

As of January 1, 1972, the following states have enacted exceptions to their Medical Practice Acts to permit physicians to delegate functions to qualified non-physicians: Arizona, Arkansas, Colorado, Connecticut, Delaware, Florida, Kansas, Oklahoma, and Utah. The State Board of Medical Examiners is authorized to approve training programs for "physician's assistants" in the following states: California, Florida, Indiana, Iowa, Kansas, New Hampshire, New York, Oregon, and Washington. Other states considering such legislation are: Alabama, Alaska, Illinois, Maryland, Michigan, Minnesota, Nebraska, North Carolina, Ohio, Pennsylvania, Tennessee, West Virginia, and Wisconsin. In 1972, additonal states are expected to enact similar legislation.

For Counselors and Prospective Students

In view of the rapid developments in this field, persons using this information for counseling students or for the selection of training opportunities should check the status of training standards for the specific category of the physician support programs in which they are interested, as well as the status of the individual training program. Prospective students are advised to investigate whether graduates of physician support personnel programs are allowed to work in a State.

William A. Lybrand, Ph.D.

W A Lybrand

Director,
Division of Manpower Intelligence

INTRODUCTION

The Survey

In April 1971, a survey of 137 training programs for physician support personnel was conducted. These programs had come to the attention of the Bureau of Health Manpower Education from a variety of sources. Responses were received from 132 of the programs surveyed, in the initial mailing. Forty-nine of these did not complete the survey questionnaire, stating that they did not meet the requirements for inclusion in the study at that time. Upon review it was determined that 22 other programs did not meet the requirements for inclusion. Nine of these were excluded because they were involved in technician or technologist type training, and 13 were excluded because they were training personnel for intramural use only. Therefore, sixty-one programs from the initial survey met the criteria for inclusion.An additional 10 programs came to our attention while the survey data were being processed and were surveyed by telephone for inclusion. Forty-one others are listed in the last section as programs for which no detailed information was available at this time.

Criteria for inclusion in this publication were:

1. Stage of Program Development – The program must be either operational, or in an advanced planning stage having assurance of financial support and operational status within a year of the survey date.
2. Entrance Requirements – Entering students must have completed high school or its equivalent, and the program must provide:
   a. Short or long-term training to expand the capibilities of persons with previous health service training and experience, or
   b. Long-term training for persons with no previous formal health service training or experience.
3. Occupational Category – The graduates of the program must have an identification differentiated from traditional health professions as they currently exist, and must work under the direction of a physician or physicians to perform tasks the physicians would have to perform in the absence of this specially trained individual.

Selected Findings:

The following analyses are based on the data from the 61 programs in the initial survey which met the above criteria. These programs trained 31 different types of personnel (Table 1) and were in various stages of program development, planning, testing, and operating (Table 2).

Table 1

NUMBER OF PROGRAMS BY TITLE OF PERSON TRAINED

Title of Person Trained	Number of Programs Offering Training
Associate in Anesthesiology	1
Master Anesthesia Technologist	1
Child Health Associate	1
Clinical Associate	1
Clinical Corpsman	1
Community Health Medic	2
Family Health Supervisor	1
Family Nurse, Nursing Service	1
Family Nurse Practitioner	1
Marine Physician Assistant	1
Maternity Nurse Clinical Specialist	1
Medex	5
Medical Emergency Technician	1
Medical Service Assistant	1
Mental Health Technologist	1
Nurse Associate	1
Orthopedic Assistant	4
Pathologist Assistant	1
Pediatric Assistant	2
Pediatric Nurse Associate	6
Pediatric Nurse Clinician	1
Pediatric Nurse Practitioner	5
Physician Assistant	7
Physician Associate	6
Registered Nurse (Ophthalmic Nurse)	1
School Nurse	1
School Nurse Practitioner	1
Surgeons Assistant	1
Surgical Assistant	2
Urologic Assistant	1
Urological Assistant	1
Total	61

Source: DMI, BHME, 1971

Table 2

NUMBER OF PROGRAMS BY PRESENT STAGE OF PROGRAM DEVELOPMENT

Present Stage	Number of Programs
Pilot Planning	4
Pilot Testing	2
Full Operational Planning	5
Operational	48
Other	2
Total	61

Source: DMI, BHME, 1971

There is little information available on applicants, enrollees, or graduates. The available data from the 61 programs show that, in 1971, 5,613 applications for enrollment were received compared with a total of 3,097 applications in 1970. Because the survey was conducted before final admission figures for 1971 were available, many schools were unable to report the number of persons to be enrolled. In the 35 programs reporting such information, 243 males and 185 females had been enrolled. The number of graduates reported was quite small. In 1970, 164 students were graduated from 17 programs. Reliable data for 1971 were not available at the time of the survey. Of the 56 programs responding affirmatively to the question "Do you anticipate that this program will be training persons in 1975?", 44 provided estimates which indicated they would be training 1,350 students per year in 1975, compared with 428 being trained in 35 programs in 1971.

A direct question concerning the types of institutions sponsoring programs was not asked. This information was obtained by analysis of the institutional names of respondents (Table 3).

Table 3

NUMBER OF PROGRAMS BY TYPE OF INSTITUTION

Type of Institution	Number of Programs
Medical School	29
University	7
Medical Center	4
Community or City College	7
Hospital	2
Technical Institute	2
Clinic	1
Nursing Service	1
Federal Institution	8
Total	61

Source: DMI, BHME, 1971

The recent emergence of these programs is reflected in Table 4. Most programs began operation during the past two years. The fact that a large number of programs were planned between the time the survey was conducted and the time the results were ready for publication further highlights the rapid development in the field.

Table 4

NUMBER OF PROGRAMS BY DATE INSTRUCTION BEGAN

Year Instruction Began	Number of Programs
1960 - 1964	1
1965 - 1969	21
1970	15
1971	19
1972	2
Not started	3
Total	61

Source: DMI, BHME, 1971

The length of the programs, by academic and calendar years, is in Table 5. Some of the programs did not specify the time frame within which they operated, but there is indication that in many programs, both the academic year for didactic training and the calendar year for clinical training were used.

Table 5

NUMBER OF PROGRAMS BY LENGTH OF PROGRAM AND PROGRAM BASE-YEAR †

Length of Program	Number of Programs		
	Calendar Year	Academic Year	Not Stated
6 weeks	-	-	2
4 months	-	-	8
5 months	-	-	2
6 – 11 months	-	-	4
1 yr. – 1 yr. 11 mos.	6	2	3
2 yrs. – 2 yrs. 11 mos.	14	11	1
3 yrs. – 3 yrs. 11 mos.	1	1	–
4 yrs. – 4 yrs. 11 mos.	-	1	1
Not stated	4	-	1
Total	25	15	21

† Calendar year is a 12-month year whereas academic year usually is a 9-10 month year.
Source: DMI, BHME, 1971

The type of credentials awarded to students is shown in Table 6. A certificate is offered in 59% of the programs, and the associate degree is the next most conferred credential.

Table 6

NUMBER OF PROGRAMS BY TYPE OF CREDENTIAL AWARDED

Credential Awarded	Program	
	Number	Percent
Certificate	36	59.0
Associate	13	21.3
Baccalaureate	5	8.2
Masters	4	6.6
Not Stated	3	4.9
Total	61	100.0%

Source: DMI, BHME,1971

Table 7 shows the minimum educational and experience entrance requirements for these programs. The additional preferred entrance requirements were not tabulated because of the wide diversity of the answers which made classificable tabulations difficult.

Table 7

NUMBER OF PROGRAMS BY MINIMUM EDUCATIONAL AND EXPERIENCE REQUIREMENTS FOR PROGRAM APPLICANTS

Minimum Experience and Requirements For Program Applicants	Number of Programs
Experience Only	2
High School Only	15
High School Plus Experience	13
Licensed Practical Nurse	1
Registered Nurse	6
Registered Nurse Plus Experience	5
Two Years of College	7
Two Years of College Plus Experience	1
Baccalaureate	3
Baccalaureate in Nursing	4
Baccalaureate in Nursing Plus Experience	3
Not Stated	1
Total	61

Source: DMI, BHME, 1971

Table 8 shows the sources of financial support for the programs by the stage of program development. Many programs had multiple sources of funding during each stage of development. The questionnaire asked only for funding sources; no attempt was made to determine the amount of financial support for the program or from any specific source. Tuition for in-State and out-of-State residents has been tabulated for the programs (See Table 9).

There was indication that a great deal of activity was going on in the initiation and development of legislation concerning these new types of personnel. Table 10 indicates that changes are anticipated in the laws in States where 21 of the programs are located, but not all of these 21 programs are located in different States.

Table 8

NUMBER OF PROGRAMS BY PURPOSE OF SUPPORT AND SOURCE OF SUPPORT

Purpose of Support	Source of Support – Number of Programs †									
	Institutional Budget	Local	State	Federal					Private Source	Unknown
				PHS	Educ.	Labor	VA	Other		
Program Planning	21	1	6	11	2	-	3	4	8	19
Initiating Training	9	-	6	15	3	1	4	3	9	12
Program Maintenance	21	2	11	11	3	1	5	2	11	17
Stipends and Tuition	5	1	4	11	1	2	9	2	9	25

† Many programs had multiple sources of funding.

Source: DMI, BHME, 1971

Table 9

NUMBER OF PROGRAMS BY YEARLY TUITION † CHARGES FOR STATE AND OUT-OF-STATE RESIDENTS

Dollars	State Residents	Out-of-State Residents
0	24	20
1 – 99	3	3
100 – 299	3	2
300 – 499	12	5
500 – 699	4	1
700 – 899	0	1
900 – 1,499	2	12
1,500 plus	5	5
Not Stated	8	12

† If program length was less than one year, total cost was counted.

Source: DMI, BHME, 1971

Table 10

NUMBER OF PROGRAMS BY STATUS OF MEDICAL PRACTICE ACTS

Action Taken	Number of Programs
Legal Action Involving Prior Students	
Yes	0
No	43
Not Stated	18
Modification of State Laws	
Yes	13
No	41
Not Stated	7
Ruling Obtained on Status of Graduates	
Yes	7
No	48
Not Stated	6
Adticipated Action on State Laws	
Yes	21
No	26
Not Stated	14

Source: DMI, BHME, 1971

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University of Alabama, Birmingham	
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University of Alabama, Birmingham	
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University of Alabama, Birmingham	
ARIZONA	
Community Health Medic	8
Indian Health Service, Tucson	
Navajo Community Health Medic	9
Navajo Area Office, Window Rock	
CALIFORNIA	
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DeAnza College, Cupertino	
Orthopaedic Assisting	11
Foothill College, Los Altos Hills	
Emergency Service Technician Program	12
Casa Loma College, Pacoima	
Los Angeles MEDEX Demonstration Program	13
Drew Postgraduate Medical School, Los Angeles	
Orthopaedic Assistant's Program	14
City College of San Francisco, San Francisco	
COLORADO	
The Child Health Associate Program	15
University of Colorado, Denver	
CONNECTICUT	
Yale Physician's Associate Program	16
Yale University, New Haven	

PROGRAMS WITH VARIED ENTRANCE REQUIREMENTS (Continued)

FLORIDA

Physician's Assistant Training Program 17
University of Florida, Gainesville

GEORGIA

Master Life Support Systems Technology Program (Anesthesia Technology) 18
Emory University, Atlanta

Physician Associate 19
Emory University, Atlanta

Pediatric Assistants 20
Georgia State University, Atlanta

IOWA

Orthopaedic Assistant 21
Kirkwood Community College, Cedar Rapids

KENTUCKY

Clinical Associate 22
University of Kentucky, Lexington

MARYLAND

Preparation and Evaluation of a Non-Physician Family Health Team 23
Johns Hopkins Medical Institutions, Baltimore

MASSACHUSETTS

Utilization of Experienced Ex-Medical Corpsmen 24
Northeastern University, Boston

MICHIGAN

Program for Training Physician's Assistants 25
Western Michigan University, Kalamazoo

MINNESOTA

Urological Assistant Training Program 26
Veterans Administration Hospital, Minneapolis

MISSOURI

Physician's Assistant 27
U.S. Medical Center, Springfield

NEW HAMPSHIRE

MEDEX 28
Dartmouth Medical School, Hanover

PROGRAMS WITH VARIED ENTRANCE REQUIREMENTS (Continued)

NEW YORK

Medical Services Assistant Program 29
Brooklyn-Cumberland Medical Center, Brooklyn

Medical Emergency Technology 30
Borough of Manhattan Community College, New York

Marine Physician Assistant Training School 31
U.S. Public Health Service Hospital, Staten Island

Orthopedic Assistant 32
U.S. Public Health Service Hospital, Staten Island
Staten Island Community College, Staten Island

Program for Physician Associates 33
State University of New York, Stoney Brook

NORTH CAROLINA

Pathology Assistant Training Program 34
Duke University, Durham

Physician's Associate 35
Duke University, Durham

Physician's Assistant Training Program 36
Bowman-Gray School of Medicine, Winston-Salem

NORTH DAKOTA

MEDEX 37
University of North Dakota, Grand Forks

OHIO

Surgical Assistant 38
Cincinnati Technical Institute, Cincinnati

Urologic Associates Program 39
University of Cincinnati, Cincinnati

Undergraduate Anesthesia Program 40
Case Western Reserve University, Cleveland

Clinical Corpsman Training Program 41
Cleveland Clinic Educational Foundation, Cleveland

Surgical Assisting 42
Cuyahoga Community College, Parma

OKLAHOMA

Physician's Associate 43
University of Oklahoma, Oklahoma City

OREGON

Physician Assistant in Family Practice 44
University of Oregon, Portland

PENNSYLVANIA

Mental Health Technology Program 45
Hahnemann College, Philadelphia

PROGRAMS WITH VARIED ENTRANCE REQUIREMENTS (Continued)

TEXAS

Bachelor of Science in Health Care Sciences and Certificate of Proficiency (Clinical Associate) 46
University of Texas, Galveston

UTAH

Utah MEDEX Demonstration Program 47
University of Utah, Salt Lake City

WASHINGTON

MEDEX 48
University of Washington, Seattle

WEST VIRGINIA

Physician's Assistant Program 49
Alderson-Broaddus College, Philippi

PROGRAMS FOR EXTENDING NURSING ROLES

ARIZONA

Pediatric Nurse Associate 53
Good Samaritan Hospital, Phoenix

CALIFORNIA

Family Nurse Practitioner Program 54
University of California, Davis

Clinical Education of School Nurse Practitioner 55
Children's Health Center, San Diego

COLORADO

Pediatric Nurse Practitioner Program 56
University of Colorado, Denver

School Nurse Practitioner 57
University of Colorado, Denver

CONNECTICUT

Pediatric Nurse Associate Program 58
University of Connecticut, Hartford

Pediatric Nurse Practitioner Program 59
Yale University, New Haven

DELAWARE

Comprehensive Nurse Clinician 60
University of Delaware, Newark

PROGRAMS FOR EXTENDING NURSING ROLES (Continued)

ILLINOIS

Pediatric Nurse Associate Program 61
Rush Presbyterian-St. Luke's Medical Center, Chicago

Nurse Associate Training Program 62
Evanston Hospital, Evanston

IOWA

A Graduate Major in Nursing of Children 63
University of Iowa, Iowa City

KENTUCKY

Family Nurse Training Program 64
Frontier Nursing Service, Hyden

MAINE

Pediatric Nurse Associate Program 65
University of Maine, Portland

MASSACHUSETTS

Boston College of Nursing and Harvard Medical School
Joint Program – The Macy Program 66
Boston College and Harvard Medical School, Boston

Pediatric Nurse Practitioner Program 67
Massachusetts General Hospital and Northeastern University, Boston

MICHIGAN

Health Nurse Clinician Project 68
Wayne State University, Detroit

MINNESOTA

Post-Baccalaureate Educational Program for
Nurses in Ambulatory Child Health Care 69
University of Minnesota, Minneapolis

MISSOURI

Graduate Major in the Nursing of Children 70
St. Louis University, St. Louis

Pediatric Nurse Practitioner Training Program 71
Washington University School of Medicine, St. Louis

NEW YORK

Medical Nurse Practitioner 72
University of Rochester, Rochester

OHIO

Training Program for Pediatric Nurse Associates 73
Good Samaritan Hospital, Cincinnati

PROGRAMS FOR EXTENDING NURSING ROLES (Continued)

TEXAS

Ophthalmic Nursing Course for Registered Nurses 74
Baylor College of Medicine, Houston

Pediatric Nurse Practitioner Program 75
USAF Medical Center, San Antonio

VIRGINIA

Pediatric Nurse Clinician Training Program 76
University of Virginia, Charlottesville

PLANNED OR OPERATIONAL PROGRAMS NOT SUMMARIZED IN DETAIL

ARIZONA

Family Nurse Practitioner 77
University of Arizona, Tucson

ARKANSAS

Assistant Pathologists Program 77
Baptist Medical Center System, Little Rock

CALIFORNIA

Physician's Assistant 77
Mercy Hospital and Medical Center, San Diego

Physician's Assistant 77
Stanford University Medical Center, Stanford

COLORADO

Obstetrical Associate 77
University of Colorado Medical Center, Denver

CONNECTICUT

Internal Medicine Nurse Practitioner 77
Yale University School of Medicine, New Haven

DISTRICT OF COLUMBIA

Physician's Assistant 78
D.C. General Hospital, Washington, D.C.

Physician's Assistant Program 78
George Washington University, Washington, D.C.

GEORGIA

Physician's Assistant 78
Medical College of Georgia, Augusta

ILLINOIS

Dermatology Assistant 78
Pretzker School of Medicine, University of Chicago, Chicago

PLANNED OR OPERATIONAL PROGRAMS NOT SUMMARIZED IN DETAIL (Continued)

INDIANA

Health Hazard Appraisal Program 78
Methodist Hospital of Indiana, Inc., Indianapolis

Obstetric Nurse Assistant 78
Methodist Hospital of Indiana, Inc., Indianapolis

Pediatric Nurse Associate 78
Methodist Hospital of Indiana, Inc., Indianapolis

KANSAS

Physician's Assistants Working With Patients With Chronic Disease Program 79
University of Kansas Medical Center, Kansas City

KENTUCKY

Nurse Midwifery 79
Frontier Nursing Service, Wendover

MARYLAND

Surgical Associate 79
Johns Hopkins University, Baltimore

MICHIGAN

Orthopaedic Physician's Assistant 79
Marygrove College, Detroit

Physician's Assistant 79
Wayne State University School of Medicine, Detroit

MINNESOTA

Physician's Associate 80
University of Minnesota, Minneapolis

MISSISSIPPI

Nurse Midwifery 80
University of Mississippi Medical Center, Jackson

MISSOURI

Physician's Assistant in Gerontology 80
St. Louis University, St. Louis

NEW JERSEY

Physician's Associate 80
Livingston College, Rutgers University, New Brunswick

Physician's Assistant 80
College of Medicine and Dentistry of New Jersey, Newark

NEW MEXICO

Nurse Midwifery 80
Community Maternity Institute, Santa Fe

PLANNED OR OPERATIONAL PROGRAMS NOT SUMMARIZED IN DETAIL (Continued)

NEW YORK

Physician's Associate 81
Albany Medical College of Union University and
Hudson Valley Community College, Albany

Family Health Worker 81
Montefiore Hospital, Bronx

Nurse Midwifery 81
Downstate Medical Center, SUNY, Brooklyn

Physician's Associate 81
College of Physicians and Surgeons of
Columbia University, New York

Title Unknown 81
Harlem Hospital Center, New York

NORTH CAROLINA

Plastic Surgical Assistant Program 81
Memorial Hospital, Chapel Hill

Nurse Practitioner Program 81
University of North Carolina, Chapel Hill

Surgeon's Assistant Program 81
University of North Carolina, Chapel Hill

PENNSYLVANIA

Physician's Assistant Program 82
Hahnemann Medical College and Hospital, Philadelphia

Physician's Assistant 82
Jefferson Medical College, Philadelphia

PUERTO RICO

Nurse Midwifery 82
University District Hospital, Caparra Heights

Nurse Midwifery 82
Ponce School of Maternity and Nurse-Midwifery, Ponce

TEXAS

Physician's Assistant 82
University of Texas Southwestern Medical School, Dallas

Physician's Assistant 82
Baylor University College of Medicine, Houston

Physician's Assistant 82
Randolph Air Force Base, Wichita Falls

Physician's Assistant 83
Sheppard Air Force Base, San Antonio

WEST VIRGINIA

Pediatric Nurse Practitioner 83
West Virginia University Medical Center, Morgantown

APPENDIX 85

PROGRAMS WITH

VARIED ENTRANCE REQUIREMENTS

PROGRAM TITLE:	Physician's Assistant Program in Diabetes
TITLE OF GRADUATES:	Physician's Assistant
INSTITUTION:	Regional Technical Institute 1919 7th Avenue South Birmingham, Alabama 35233
PROGRAM DIRECTORS:	Dr. Burris R. Boshell George L. McAdams 2117 8th Avenue South Birmingham, Alabama 35233
AFFILIATED INSTITUTION:	University of Alabama
STAGE OF DEVELOPMENT:	Pilot testing
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses include: Medical Terminology, Anatomy, Physiology, Clinical Diabetes Lectures, Clinical Pathology, Introduction to Medicine and EKG, Office Medicine, Nutrition, Diabetic Ward, Diabetic Teaching Session, Pharmacology, Biochemistry, Internal Medicine, General Surgery, Anatomical Pathology, Microbiology, Physical Diagnosis and History Taking, Psychiatry, Dermatology, Oncology, and Clinical Rotations.
CREDENTIAL AWARDED:	Diploma from State Board of Education Certificate from University of Alabama
MINIMUM REQUIREMENTS:	High School diploma, with courses in mathematics and biological sciences Satisfactory results on a variety of intelligence, personality, and skill tests Favorable recommendations Personal interview
ADDITIONAL PREFERRED REQUIREMENTS:	None stated
NUMBER OF STUDENTS ENROLLED:	12
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Loans, stipends, and salaries are available.

PROGRAM TITLE:	MEDEX
TITLE OF GRADUATES:	Medex
INSTITUTION:	University of Alabama in Birmingham 1919 7th Avenue South Birmingham, Alabama 35233
PROGRAM DIRECTORS:	William R. Harlan, M.D. Katherine A. McLeod
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 Year
CURRICULUM DESCRIPTION:	The program consists of alternating periods in didactic (classroom) studies and clinical experience with a preceptor. Students are pre-matched with a preceptor before entering the program.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	High School Diploma
ADDITIONAL PREFERRED REQUIREMENTS:	Specialty codes from the Armed Services: Army 91C Air Force 90270 Navy 8405 with a background in as much primary patient care as possible
NUMBER OF STUDENTS ENROLLED:	22
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Stipends are offered during training

PROGRAM TITLE:	Pathologist Assistant Program
TITLE OF GRADUATES:	Pathologist Assistant
INSTITUTIONS:	University of Alabama in Birmingham and Veterans Administration Hospital 700 19th Street South Birmingham, Alabama 35233
PROGRAM DIRECTOR:	B. M. Hathaway, M.D.
AFFILIATED INSTITUTIONS:	None
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses include: Gross Anatomy, Histology, Introduction to Computing, Introduction to Disease, History, Philosophy and Ethics, Medical Terminology, Medical Microbiology, Community Health, Toxicology, Purchase-Operation- and Maintenance of Equipment, Working Conditions Maintenance, Laboratory Management, Medicolegal Aspects, Coding and Filing, Cytologic and Histologic Techniques, Cytology, Fixatives, Macro and Micro Photography, Surgical Pathology, Autopsy Service.
CREDENTIAL AWARDED:	B.S. Degree in Allied Health Pathology
MINIMUM REQUIREMENTS:	Junior College Certificate or equivalent, or hospital corpsmen experience as part of equivalent.
ADDITIONAL PREFERRED REQUIREMENTS:	Three references, college transcripts, personal interview
NUMBER OF STUDENTS ENROLLED:	11
NUMBER OF STUDENTS GRADUATED:	4
FINANCIAL AID:	Loans, jobs, and stipends are available

PROGRAM TITLE:	Physician's Associate Program
TITLE OF GRADUATES:	Physician's Associate
INSTITUTION:	University of Alabama in Birmingham 1919 7th Avenue South Birmingham, Alabama 35233
PROGRAM DIRECTOR:	William R. Marlan, M.D.
AFFILIATED INSTITUTIONS:	Birmingham VA Hospital Birmingham Children's Hospital University Hospital Tuskegee VA Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses include: History-Philosophy- and Ethics of Medicine, Community Health and Epidemiology, Medical Terminology, Introduction to Chemistry, Medical Microbiology, Laboratory Medicine-Hematology, Data Processing, Animal Experimentation, Anatomy, Physiology, Biochemistry, Clinical Psychiatry, Psychosomatic Medicine, Laboratory Medicine- Clinical Chemistry, Clinical Medicine, Radiology, Diagnostic Procedures, Growth and Development, Electrocardiography, Patient Evaluation and Diagnosis, Survey of Dentistry.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Age 22-50 Two years education past high school Three years medical experience (corpsman, nurse, technician)
ADDITIONAL PREFERRED REQUIREMENTS:	None stated
NUMBER OF STUDENTS ENROLLED:	12
NUMBER OF STUDENTS GRADUATED:	5
FINANCIAL AID:	Stipends are offered during training.

PROGRAM TITLE:	Surgeon's Assistant Training Program
TITLE OF GRADUATES:	Surgeon's Assistant
INSTITUTION:	University of Alabama, Birmingham Department of Surgery 1919 7th Avenue South Birmingham, Alabama 35233
PROGRAM DIRECTOR:	Margaret K. Kirklin, M.D.
AFFILIATED INSTITUTIONS:	University of Alabama, Birmingham, College of General Studies Veterans Administration Hospitals
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses include: Gross Anatomy, Human Physiology, Medical Terminology, Introduction to Medical Disorders, Pharmacology, Neuroanatomy, Fundamentals of General Surgery, Medical History and Physical Examination, Operating Room Techniques, Principles of Surgical Patient Care, Surgical Care Techniques, Introduction to Roentgenogram Interpretation, Electrocardiogram Recording Technique and Interpretation of Arrhythmias, Pulmonary Function Tests and Inhalation Therapy. For the last 11 months of the course, students are assigned to various surgical services at affiliated hospitals, and occasionally to surgeons engaged in the private practice of surgery. Included is a two-month assignment to the emergency department.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Graduation from an accredited high school with an over-all grade average of at least C+. The high school curriculum should include the sciences as well as 2-4 units of mathematics. Two years of college course work with emphasis in the sciences. In some circumstances, previous experience in the health field may be accepted as a substitute for college level education. Ability to speak and write accurately and effectively. Above average intelligence, high ethical, moral and humanitarian standards, good physical and mental health, skill in using hands, studiousness and a desire to learn, motivation toward science.
ADDITIONAL PREFERRED REQUIREMENTS:	None
NUMBER OF STUDENTS ENROLLED:	8
NUMBER OF STUDENTS GRADUATED:	8
FINANCIAL AID:	Stipends are offered during training.

PROGRAM TITLE:	Community Health Medic
TITLE OF GRADUATES:	Community Health Medic
INSTITUTION:	Indian Health Service Desert Willow Training Center 10755 Tanque Verde Tucson, Arizona 85710
PROGRAM DIRECTORS:	James W. Justice, M.D. 10755 Tanque Verde Tucson, Arizona 85710 John Gimon Phoenix Indian Medical Center 4212 North 16th Street Phoenix, Arizona 85016
AFFILIATED INSTITUTIONS:	Phoenix Indian Medical Center University of Arizona, Department of Community Medicine
STATE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Phase I: Didactic - Anatomy, Physiology, Pathology, Pharmacy; Clinical - Histories, Physicals, Laboratory, Radiology Phase II: Hospital Wards, Out-Patient Department, Medicine, Surgery, Obstetrics, Gynecology, Pediatrics, Field Health Clinics Phase III: Preceptorships in Indian Health Service Units
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Two years of general experience which has provided familiarity with medical care and basic knowledge of procedures and equipment, and one year of specialized experience, which is the application of the knowledge, methods, and techniques in specific health care services
ADDITIONAL PREFERRED REQUIREMENTS:	Independent duty ex-corpsmen. Nursing experience in preventive health. Facility with at least one American Indian language. Knowledge and experience with at least one American Indian culture. Experience in at least one health program for American Indians
NUMBER OF STUDENTS ENROLLED:	10
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Jobs are available

PROGRAM TITLE:	Navajo Community Health Medic
TITLE OF GRADUATES:	Community Health Medic
INSTITUTION:	Navajo Area Office Drawer G Window Rock, Arizona 86515
PROGRAM DIRECTORS:	John N. Bennett II, M.D. John C. Bernson Drawer L Gallup, New Mexico 87301
AFFILIATED INSTITUTIONS:	Gallup Indian Medical Center University of Arizona
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Phase I Didactic - Anatomy, Physiology, Pathology, Pharmacy Clinical - Histories, Physicals, Laboratory, Radiology Phase II Hospital Wards, Out-Patient Department, Medicine, Surgery, Obstetrics, Gynecology, Pediatrics, Field Health Clinics Phase III Preceptorships in Indian Health Service Units
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Two years of general experience which has provided familiarity with medical care and basic knowledge of procedures and equipment. One year of specialized experience which is the application of the knowledge, methods, and techniques in specific health care services.
ADDITIONAL PREFERRED REQUIREMENTS:	Independent duty ex-corpsman. Nursing experience in preventive health facility with at least one American Indian language. Knowledge and experience with at least one American Indian culture. Experience in at least one health program for American Indians.
NUMBER OF STUDENTS ENROLLED:	20
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Jobs are available

PROGRAM TITLE:	Pediatric Assisting
TITLE OF GRADUATES:	Pediatric Assistant
INSTITUTION:	DeAnza College, Foothill Community College District 21250 Stevens Creek Boulevard Cupertino, California 95014
PROGRAM DIRECTORS:	Nathan H. Boortz, Ed.D. Foothill Community College 12345 El Monte Avenue Los Altos Hills, California 94022 Mrs. Eloise Hansen DeAnza College
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 Academic years plus 4 months
CURRICULUM DESCRIPTION:	The basic curriculum is the same as that for the medical assisting major. In addition, 12 units specific to pediatric assisting are required in the summer session following completion of the Medical Assisting Program. Courses in the Medical Assisting Program include: Professional Relations and Liability, Anatomy and Physiology, Effective Communication, Medical Terminology, Microbiology, Clinical Techniques, and several courses in office procedures. Courses specific to the Pediatric Assistant Program include: Common Childhood Diseases and Prevention, Pediatric Test Methods and Procedures, Immunology and Microbiology, and an externship.
CREDENTIALS AWARDED:	A.A. degree and a Certificate
MINIMUM REQUIREMENTS:	Regular requirements for admittance to DeAnza College and Staff recommendation
ADDITIONAL PREFERRED REQUIREMENTS:	High School Biology or Biology 10, Business 70B or equivalent proficiency in typewriting, satisfactory performance on college ability tests.
NUMBER OF STUDENTS ENROLLED:	Information not available
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans, and jobs are available

PROGRAM TITLE:	Orthopaedic Assisting
TITLE OF GRADUATES:	Orthopaedic Assistant
INSTITUTION:	Foothill College, Foothill Community College District 12345 El Monte Avenue Los Altos Hills, California 94022
PROGRAM DIRECTORS:	Nathan H. Boortz, Ed.D. Mrs. Mary McLanathan Richard Mercer, M.D.
AFFILIATED INSTITUTIONS:	El Camino Hospital Palo Alto Medical Clinic Sunnyvale Medical Clinic Private Physicians' offices
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 academic years
CURRICULUM DESCRIPTION:	Courses include: Functional Anatomy and Physiology, Fundamentals of Biochemistry, Orientation to Physical Therapy, Patient Service and Emergency Room Techniques, First Aid and Safety, General Microbiology, Cast and Traction Application, Orthopaedic Diseases and Injuries, Psychology, Operating Room Techniques, Orientation to Prosthetics and Orthotics, Office Procedures, and a number of other general course requirements such as Physical Education, Effective Writing, American Government, Literature, Effective Speaking, and some electives.
CREDENTIAL AWARDED:	A.A. Degree
MINIMUM REQUIREMENTS:	High school diploma, High School Algebra or Math 101, High School Biology or Biology 10
ADDITIONAL PREFERRED REQUIREMENTS:	Military corpsman experience
NUMBER OF STUDENTS ENROLLED:	11
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Loans and jobs available

PROGRAM TITLE:	Emergency Service Technician Program
TITLE OF GRADUATES:	Emergency Service Technician
INSTITUTION:	Casa Loma College 12502 Van Nuys Boulevard The Educational Plaza Pacoima, California 91331
PROGRAM DIRECTOR:	John T. Celenlano, M.D.
AFFILIATED INSTITUTIONS:	Pacoima Memorial Lutheran Hospital, Life Systems Research Institute
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses in the first year include: Fundamentals of Nursing, Basic Nursing Science, Clinical Nursing Science, Principles of Vocational Nursing, Obstetrical and Newborn Nursing, Applied Vocational Nursing, English and Communication Arts, Principles of Emergency Medicine, Operation of Medical Equipment, Rescue Technique, Emergency Medical Techniques, and Informative Material. Courses in the second year include: Advanced Emergency Medicine, Advanced Emergency Medical Techniques and Management, and a Clinical Clerkship.
CREDENTIAL AWARDED:	Licensed Vocational Nurse Certificate
MINIMUM REQUIREMENTS:	Not specified
ADDITIONAL PREFERRED REQUIREMENTS:	Not specified
NUMBER OF STUDENTS ENROLLED:	Information not available
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Information not available

PROGRAM TITLE:	Los Angeles MEDEX Demonstration Program
TITLE OF GRADUATES:	Medex
INSTITUTION:	Drew Postgraduate Medical School 12012 Compton Avenue Los Angeles, California 90059
PROGRAM DIRECTOR:	M.Alfred Haynes, M.D. 1635 103rd Street Los Angeles, California 90002
AFFILIATED INSTITUTIONS:	UCLA School of Medicine and Hospitals and Clinics
STAGE OF DEVELOPMENT:	Demonstration Project
LENGTH OF PROGRAM:	1 year, 3 months
CURRICULUM DESCRIPTION:	Courses include 100 hours of Medicine, 100 of Pediatrics, 35 of Public Health and Preventive Medicine, 35 of psychiatry, 35 of Pharmacology, and 35 of Surgery. Students work both in the classroom and with a preceptor in actual practice.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Former medical corpsmen trained to a level of independent performance or equivalent
ADDITIONAL PREFERRED REQUIREMENTS:	High recommendation of standard of performance in past duties and assignments, and high recommendations of ability to perform as Medex in clinical setting from physician who has worked with this person for six months or more.
NUMBER OF STUDENTS ENROLLED:	21
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Stipends are offered during training

PROGRAM TITLE:	Orthopaedic Assistant's Program
TITLE OF GRADUATES:	Orthopaedic Assistant
INSTITUTION:	City College of San Francisco 50 Phelan Avenue San Francisco, California 94112
PROGRAM DIRECTORS:	Mr. Jules Praden City College of San Francisco P. Richard Schneider, M.D. 48 Park Plaza Drive Daly City, California 94015
AFFILIATED INSTITUTIONS:	Mary's Help Hospital, Letterman General Hospital Kaiser Hospital San Francisco General Hospital U.S. Public Health Hospital Veteran's Administration
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses are divided into three core areas: General Education, Health Careers, and Orthopaedic Assisting. General Education includes 435 hours of English, History and Electives. Health Careers includes 270 hours of Anatomy and Physiology, Advanced Safety Service, Microbiology, Typing, Orientation to Patient Care and Staff Relationships. The Orthopaedic Assisting Core consists of 723 hours of Patient Service and Care Techniques, Orientation to Physical Therapy, Cast and Traction, Operating Room Techniques, and Orientation to Prosthetics and Orthotics.
CREDENTIAL AWARDED:	A.A. Degree and Certificate
MINIMUM REQUIREMENTS:	High School graduates or mature students able to demonstrate ability to undertake a college program. Also permission of the advisor, interest in human services occupations, ability to relate well to others, physical strength and body control.
ADDITIONAL PREFERRED REQUIREMENTS:	Biology, physics, chemistry, algebra, and geometry would be helpful, but are not required
NUMBER OF STUDENTS ENROLLED:	19
NUMBER OF STUDENTS GRADUATED:	17
FINANCIAL AID:	Loans and jobs are available

PROGRAM TITLE:	The Child Health Associate Program
TITLE OF GRADUATES:	Child Health Associates
INSTITUTION:	University of Colorado Medical Center 4200 East Ninth Avenue Denver, Colorado 80220
PROGRAM DIRECTORS:	Henry K. Silver, M.D. James A. Hecker, M.D. John E. Ott, M.D.
AFFILIATED INSTITUTIONS:	Fitzsimons General Hospital Children's Hospital of Denver Denver General Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 academic years, plus 12 months of internship
CURRICULUM DESCRIPTION:	First year courses are in the basic sciences, including Pediatric Anatomy, Microscopic Anatomy, Embryology, Social Psychology, Pediatric Physiology, Applied Growth and Development, Community Health, Nutrition, Pediatric Pathology, Pediatric Physiology, Medical Spanish, Biochemistry Nursing Care, Lab Diagnosis, Psychology. The second year is basically a clinical experience. Courses include Spanish, Medical Genetics, Survey of Subspecialties, Growth and Development, Psychosocial Development, Outpatient Clinic, Otorhinolaryngology, Dermatology, Seminar, Child Psychology, Pharmacology, Community Health, First Aid, Allergy, Core Field Trips, Interpretive Reading.
CREDENTIAL AWARDED:	B.A. and Certificate; Licensure by the State Board of Medical Examiners
MINIMUM REQUIREMENTS:	2 years of college
ADDITIONAL PREFERRED REQUIREMENTS:	Experience with children or the medical field
NUMBER OF STUDENTS ENROLLED:	24
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans, and stipends are available

PROGRAM TITLE:	Yale Physician's Associate Program
TITLE OF GRADUATES:	Physician's Associate
INSTITUTION:	Yale University School of Medicine Department of Surgery 1020 PMB 333 Cedar Street New Haven, Connecticut 06510
PROGRAM DIRECTORS:	Alfred M. Sadler, Jr., M.D. Paul P. Moson
AFFILIATED INSTITUTIONS:	Yale-New Haven Hospital Hospital of St. Raphael West Haven VA Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	24 Months
CURRICULUM DESCRIPTION:	Courses include: Animal Surgery, Basic Clinical Laboratory, Clinical Pharmacology, Clinical Radiology, Electrocardiograph and Cardiac Care, Emergency Treatment and Management, Ethics and Legal Aspects of Medicine, History Taking and Physical Examination, Integrated Anatomy, Physiology, and Biochemistry, Introduction to Clinical Medicine and Surgery, Physchodynamics of Human Behavior.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Demonstrated ability to do college level work. Medical Experience - Preferably two years. Demonstrated integrity, motivation, character. 3 letters of recommendation, an essay, and CEEB aptitude scores.
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	Information not available
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	No tuition is required. Loans are available.

PROGRAM TITLE:	Physician's Assistant Training Program
TITLE OF GRADUATES:	Physician's Assistant in (speciality)
INSTITUTION:	University of Florida, College of Medicine Box 712, J. Hillis Miller Health Center Gainesville, Florida 32601
PROGRAM DIRECTOR:	Richard A. Henry, M.D.
AFFILIATED INSTITUTIONS:	Santa Fe Junior College Shands Teaching Hospital Veterans Administration Hospital
STAGE OF DEVELOPMENT:	Pilot Planning - To begin operation in January, 1972
LENGTH OF PROGRAM:	2 Years
CURRICULUM DESCRIPTION:	There are four major areas of study: Common Program, Health Related Core Program, Technical Core, Professional Core. The Professional Core includes Internships and Externships, Instrumentation, Physics, Patient Evaluation and Record Keeping, Minor Surgery and Sterile Technique, Pharmacology and Prescriptions, Emergency Care, Medical Science, Pediatrics and Human Growth and Development, Obstetrics and Gynecology, Psychiatry, and Seminars.
CREDENTIAL AWARDED:	A.A. Degree
MINIMUM REQUIREMENTS:	High School graduate, motivation for health service employment, aptitude, communicating skills and demonstrated interest in health care.
ADDITIONAL PREFERRED REQUIREMENTS:	Previous experience in health care
NUMBER OF STUDENTS ENROLLED:	None to date
NUMBER OF STUDENTS GRADUATED:	None
FINANCIAL AID:	Information not available

PROGRAM TITLE:	Master Life Support Systems Technology Program (Anesthesia Technology)
TITLE OF GRADUATES:	Master Anesthesia Technologist
INSTITUTION:	Emory University 69 Butler Street, S.E. Atlanta, Georgia 30303
PROGRAM DIRECTORS:	John E. Steinhaus, M.D. James A. Evans, M.D.
AFFILIATED INSTITUTION:	Case Western Reserve University
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 Academic year and 9 months
CURRICULUM DESCRIPTION:	The program consists of three didactic (classroom) quarters, and four clinical quarters, for a total of 84 quarter hours. Required courses include: Physics of Anesthesia, Anatomy for the Anesthetist, Chemistry of Acid Base Electrolyte Fluids, Pharmacology of Anesthetic Drugs, Electronics and Instrumentation, Seminar, Clinical Anesthesia, Directed Study, Mammalian Physiology, Digital Computer Programming. The passing of written and oral examinations in anesthesia technology is required.
CREDENTAL AWARDED:	Master's Degree
MINIMUM REQUIREMENTS:	Undergraduate degree in physical or biological science and acceptable scores on GRE or MCAT.
ADDITIONAL PREFERRED REQUIREMENTS:	Interest in health sciences
NUMBER OF STUDENTS ENROLLED:	6
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans, and jobs are available

PROGRAM TITLE:	Physician Associate
TITLE OF GRADUATES:	Physician Associate
INSTITUTION:	Emory University School of Medicine Division of Allied Health Professions Atlanta, Georgia 30322
PROGRAM DIRECTORS:	J. Willis Hurst, M.D. Glenn Memorial Building 69 Butler Street, S.E. Atlanta, Georgia 30303 Miss Ann Flewlling, B.S. Box 26026 Grady Memorial Hospital Atlanta, Georgia 30303
AFFILIATED INSTITUTIONS:	Grady Memorial Hospital Columbus Medical Center Southside Comprehensive Health Center
STAGE OF DEVELOPMENT:	First class in operation
LENGTH OF PROGRAM:	3 calendar years
CURRICULUM DESCRIPTION:	Courses include: Chemistry, Anatomy, Biology, Mathematics, Physiology, Physics, English, Sociology, Introduction to Medicine, Pharmacology, Electronics, Specialty Options, and Supervised Externship.
CREDENTIAL AWARDED:	Associate in Medicine Degree
MINIMUM REQUIREMENTS:	High School diploma, satisfactory scores on SAT, some health service experience
PREFERRED ADDITIONAL REQUIREMENTS:	Stable personality, neat, intelligent
NUMBER OF STUDENTS ENROLLED:	27
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, jobs, and stipends are available

PROGRAM TITLE:	Pediatric Assistants
TITLE OF GRADUATES:	Pediatric Assistant
INSTITUTION:	Georgia State University School of Allied Health Sciences 33 Gilmer Street, S.E. Atlanta, Georgia 30303
PROGRAM DIRECTORS:	J. Rhodes Haverty, M.D. Betty Jo Parsons, M.N.
AFFILIATED INSTITUTIONS:	Presbyterian Baby Clinic Northside Hospital Local Pediatrician's Offices
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 academic years and 3 months
CURRICULUM DESCRIPTION:	Courses include: 11 credits of mental health, 25 credits of pediatrics, 5 credits of pharmacology, and 5 credits of education. Other courses include Biology, English, Mathematics, Allied Health Sciences, Microbiology, Sociology, History, and some Electives.
CREDENTIAL AWARDED:	Associate of Science Degree
MINIMUM REQUIREMENTS:	Regular admission requirements of Georgia State University, personal interview, and an interest in people
ADDITIONAL PREFERRED REQUIREMENTS:	High School background in Biology, Chemistry, and Typing.
NUMBER OF STUDENTS ENROLLED:	6
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans and jobs are available

PROGRAM TITLE:	Orthopaedic Assistant
TITLE OF GRADUATES:	Orthopaedic Assistant
INSTITUTION:	Kirkwood Community College 6300 Bowling Street, S.W. Cedar Rapids, Iowa 52406
PROGRAM DIRECTORS:	Frank P. Mulhern Noel Bishop
AFFILIATED INSTITUTIONS:	University of Iowa Hospital Veterans Administration Hospital St. Luke's Methodist Hospital Mercy Hospitals
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 Years
CURRICULUM DESCRIPTION:	Courses include: Anatomy and Physiology, Introduction to Health Care and Personnel Relations, Emergency Care, Plaster Casting Techniques, General Education, Orthopaedic Conditions, Introduction to Medical Science, Supervised Clinical Experience, Integrated Science, Operating Room Techniques, Introduction to Physical Therapy, Orthotics and Prosthetics, Traction Techniques, Office Procedures, and Seminars.
CREDENTIAL AWARDED:	Associate Degree
MINIMUM REQUIREMENTS:	High School diploma or equivalent, personal interview, medical examination, objective test results, age 17-55 years.
ADDITIONAL PREFERRED REQUIREMENTS:	Medic/Corpsman experience or Hospital orderly-aide experience.
NUMBER OF STUDENTS ENROLLED:	12
NUMBER OF STUDENTS GRADUATED:	13
FINANCIAL AID:	Scholarships and loans are available.

PROGRAM TITLE:	Clinical Associate
TITLE OF GRADUATES:	Clinical Associate
INSTITUTIONS:	University of Kentucky College of Health Professions Chandler Medical Center University of Kentucky Lexington, Kentucky 40506
PROGRAM DIRECTOR:	Joseph Hamburg, M.D.
AFFILIATED INSTITUTIONS:	Lexington Technical Institute College of Medicine, Chandler Medical Center
STAGE OF DEVELOPMENT:	Pilot Planning
LENGTH OF PROGRAM:	2 academic years
CURRICULUM DESCRIPTION:	Not yet developed
CREDENTIAL AWARDED:	Associate Degree and/or Certificate
MINIMUM REQUIREMENTS:	High School and University of Kentucky entrance requirements
ADDITION PREFERRED REQUIREMENTS:	Personal suitability to the program
NUMBER OF STUDENTS ENROLLED:	None to date
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans, and scholarships are available

PROGRAM TITLE:	Preparation and Evaluation of A Non-Physician Family Health Team
TITLE OF GRADUATES:	Family Health Supervisor
INSTITUTIONS:	Health Services Research and Development Center Johns Hopkins Medical Institutions 601 North Broadway Baltimore, Maryland 21205 and East Baltimore Medical Program 601 North Broadway Baltimore, Maryland 21205
PROGRAM DIRECTORS:	Archie S. Golden, M.D. Dennis G. Carlson, M.D.
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Pilot Testing
LENGTH OF PROGRAM:	2 Year
CURRICULUM DESCRIPTION:	Courses include: Family Health Studies, Community Resources, Communication Skills, Health Education, Growth and Development, Natural History of Disease, Laboratory Procedures, Health Assessment, History Taking, Physical Exam, Medical Case Conference, and practical work in out-patient facilities.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	High school education Experience in the health field, either as a nurse or as an ex-military corpsman
ADDITIONAL PREFERRED REQUIREMENTS:	Particular interest in changing present role in the health field.
NUMBER OF STUDENTS ENROLLED:	5
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Stipends are offered

PROGRAM TITLE:	Utilization of Experienced Ex-Medical Corpsmen
TITLE OF GRADUATES:	Physician Assistant
INSTITUTION:	Northeastern University 202 Robinson Hall Boston, Massachusetts 02115
PROGRAM DIRECTOR:	Suzanne B. Greenberg
AFFILIATED INSTITUTIONS:	Massachusetts Medical Society Boston City Hospital Cambridge Hospital Peter Bent Brigham Hospital St. Elizabeth's Hospital Tufts-New England Medical Center Hospitals
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses include: Sociology, Health, Disease and Disability, Physical Examination, History Taking and Interviewing, Clinical Chemistry, Physiology, Functional Human Anatomy, Medicine, Surgery, Pediatrics, Pathology, Psychiatry, Rehabilitation Medicine, Nutrition, Pharmacology, Public Health, English, Obstetrics and Gynecology, Emergency Medicine, Radiology, Primary Care, and Two Electives.
CREDENTIAL AWARDED:	Certificate. Discussion is in process to see if the program can be developed into an Associate of Science Degree Program.
MINIMUM REQUIREMENTS:	High school graduate or equivalent, personal interview, personality tests, applied intelligence test (requirements may change if program moves to a degree level).
ADDITIONAL PREFERRED REQUIREMENTS:	References including two from physicians with whom applicant has worked
NUMBER OF STUDENTS ENROLLED:	15
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Stipends are offered during training

PROGRAM TITLE:	Program for Training Physician's Assistants
TITLE OF GRADUATES:	Physician's Assistant
INSTITUTION:	Western Michigan University
PROGRAM DIRECTORS:	Dr. George C. Mallinson Dr. John Josten Western Michigan University Kalamazoo, Michigan 49001 William G. Birch, M.D. 402 Bronson Medical Center 252 East Lovell Street Kalamazoo, Michigan 49006
AFFILIATED INSTITUTIONS:	Bronson Methodist Hospital Borgess Hospital Kalamazoo State Hospital Battle Creek Community Hospital Detroit Osteopathic Hospital
STAGE OF DEVELOPMENT:	Full operational planning
LENGTH OF PROGRAM:	2 years, 6 months (for those students not entering with advanced standing)
CURRICULUM DESCRIPTION:	The first 10-month period of the program will be 80% didactic (classroom) and 20% clinical experience. The second 10-month period is to be 60% didactic and 40% clinical, and the third 10-month period is to be 20% didactic and 80% clinical. Courses in the first segment will probably include: Anatomy, Physiology, Pathology, Clinical Lab, Bacteriology, Physical Diagnosis, Clinical Medicine, Pharmacology, Community Health Psychology, Chemistry. The Second segment will include Radiology, Cardiology, Medicine, Surgery, Obstetrics-Gynecology, Pediatrics, Physical Diagnosis, and Psychology-Psychiatry.
CREDENTIAL AWARDED:	Undetermined at this time
MINIMUM REQUIREMENTS:	2 years of college experience or its equivalent
ADDITIONAL PREFERRED REQUIREMENTS:	Evidence of motivation, emotional stability, ability to communicate, adequate level of intellect to maintain "B" grades in professional courses
NUMBER OF STUDENTS ENROLLED:	None to date
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Loans available. Other sources of support not yet determined.

PROGRAM TITLE:	Urological Assistant Training Program
TITLE OF GRADUATES:	Urological Assistant
INSTITUTION:	Veterans Administration Hostipal 54th and 48th Avenue South Minneapolis, Minnesota 55417
PROGRAM DIRECTORS:	Mr. Russell Church Dr. Clyde Blackard Dr. George T. Mellinger Veterans Administration Hospital 4801 Lenwood Avenue Kansas City, Missouri 64128
AFFILIATED INSTITUTIONS:	Fairview Hospitals University of Minnesota Hospitals University of Minnesota General College
STAGE OF DEVELOPMENT:	Pilot
LENGTH OF PROGRAM:	1 year
CURRICULUM DESCRIPTION:	The program is undergoing some changes. Presently courses include: Medical Terminology, Laboratory Procedure, Care and Consideration of Patients, Catheterization, Physical Aspects of a Urology Suite, Procedures in the Urology Suite, Urological Instruments, Supplies and Maintenance, Radiology, Urological Patient on the Ward, and Miscellaneous Items. Once the program is revised, courses may include: Biological Science, Mathematics, Social Science, Physical Science, and Writing.
CREDENTIAL AWARDED:	Presently a certificate is awarded. If proposed program changes take place, an Associate of Arts Degree will also be awarded.
MINIMUM REQUIREMENTS:	High School graduate or equivalent, at least 3 years experience in a medical setting.
ADDITIONAL PREFERRED REQUIREMENTS:	Personal interviews, good health, good moral qualities
NUMBER OF STUDENTS ENROLLED:	4
NUMBER OF STUDENTS GRADUATED:	5
FINANCIAL AID:	Stipends are offered during training

PROGRAM TITLE:	Physician's Assistant
TITLE OF GRADUATES:	Physician's Assistant
INSTITUTION:	U.S. Medical Center Springfield, Missouri 65802
PROGRAM DIRECTORS:	John Manire Willard Akers
AFFILIATED INSTITUTION:	City Health Clinic
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 Years
CURRICULUM DESCRIPTION:	Courses include didactic and clinical instruction in: Diagnosis, Treatment and Evaluation, Out-Patient Department, Specialty Clinic, Pharmacology Medical Terminology, Medical Records, Sciences, Orthotics and Prosthetics, Dental, Physical Therapy Medical, Surgical and Psychiatric Nursing, Recovery Room and Intensive Care Unit, Operating Room Techniques, Hospital and Safety Sanitation, Psychiatry, Radiology, Electrocardiology, Electroencephalography, Clinical Laboratory, Nutrition and Diet Therapy, and Central Service.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	High School Diploma 3 years experience in the medical field
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	13
NUMBER OF STUDENTS GRADUATED:	20
FINANCIAL AID:	Jobs are available

PROGRAM TITLE:	MEDEX
TITLE OF GRADUATES:	Medex
INSTITUTION:	Dartmouth Medical School P.O. Box 146 Hanover, New Hampshire
PROGRAM DIRECTORS:	Nicholas Danforth, M.D. Bella Strauss, M.D. Cornelis Ploeg
AFFILIATED INSTITUTIONS:	Mary Hitchcock Memorial Hospital Mary Hitchcock Clinic Veterans Administration Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 year, 3 months
CURRICULUM DESCRIPTION:	The first three months of the program are spent in didactic learning situations. Course areas include: Psychiatry, Data Acquisition, Physical Diagnosis, Surgery, Pediatrics, Medicine, and Interdisciplinary Topics. The final 12 months are spent working with a preceptor in a practice setting.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Former military corpsmen or associated health personnel. Specific guidelines for acceptance have not been established.
ADDITIONAL PREFERRED [illegible]:	Not established
NUMBER OF STUDENTS ENROLLED:	23
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Stipends are offered

PROGRAM TITLE:	Medical Services Assistant Program
TITLE OF GRADUATES:	Medical Services Assistant
INSTITUTION:	Brooklyn - Cumberland Medical Center 121 De Kalb Avenue Brooklyn, New York 11201
PROGRAM DIRECTOR:	Arnold Lewis, M.D.
AFFILIATED INSTITUTION:	Long Island University - Brooklyn Center
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years (summers included)
CURRICULUM DESCRIPTION:	Courses during the first year are: Biology, Chemistry, English, Medical Science, Humanities Elective. Courses during the second year include: Mathematics, Sociology, Biology, Speech, Medical Science, Psychology, Chemistry, and Medical Science. The summer of the second year is spent in clinical rotations.
CREDENTIAL AWARDED:	Associate in Applied Science Degree
MINIMUM REQUIREMENTS:	High school diploma or equivalent, SAT or ACT test results, two character references, school transcripts, personal interview
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	47
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Loans and stipends are available

PROGRAM TITLE:	Medical Emergency Technology
TITLE OF GRADUATES:	Medical Emergency Technician
INSTITUTION:	Borough of Manhattan Community College 134 West 51 Street New York, New York 10020
PROGRAM DIRECTORS:	Dr. Blanche Ried Prof. Franklin Fitz
AFFILIATED INSTITUTIONS:	Beekman Downtown Hospital Roosevelt Hospital Columbia - Presbyterian Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Semester I: English Composition, Sociology, Mathematics, Anatomy and Physiology, Medical Emergency Technology Semester II: English Composition, Developmental Psychology, Anatomy and Physiology, Medical Emergency Technology Semester III: Microbiology, Medical Emergency Technology, Music or Art, Physical Education Semester IV: Speech, Spanish Conversation, Medical Emergency Technology, Social Problems
CREDENTIAL AWARDED:	Associate in Applied Science Degree
MINIMUM REQUIREMENTS:	High school diploma or equivalent
ADDITIONAL PREFERRED REQUIREMENTS:	At least one year of high school science
NUMBER OF STUDENTS ENROLLED:	30
NUMBER OF STUDENTS GRADUATED:	41
FINANCIAL AID:	Loans, scholarships and jobs are available

PROGRAM TITLE:	Marine Physician Assistant Training School
TITLE OF GRADUATES:	Marine Physician Assistant
INSTITUTION:	U.S. Public Health Service Hospital Staten Island, New York 10304
PROGRAM DIRECTORS:	James H. Hensley Ronald Haberberger
AFFILIATED INSTITUTION:	St. Vincent's Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	9 months
CURRICULUM DESCRIPTION:	Areas of coursework include: Anatomy and Physiology, Environmental Health and Preventive Medicine, Medical and Surgical Conditions, Patient Care, Pharmacology, Clinical Laboratory, First Aid, Marine Physician Assistant Responsibilities, Practical Experiences in Surgical Techniques.
CREDENTIAL AWARDED:	Certificate from the Public Health Service. License from U.S. Coast Guard
MINIMUM REQUIREMENTS:	High school graduate or equivalent
ADDITIONAL PREFERRED REQUIREMENTS:	Former military corpsmen
NUMBER OF STUDENTS ENROLLED:	39
NUMBER OF STUDENTS GRADUATED:	112
FINANCIAL AID:	Tuition is free

PROGRAM TITLE:	Orthopedic Assistant
TITLE OF GRADUATES:	Orthopedic Assistant
INSTITUTION:	U. S. Public Health Service Hospital Staten Island, New York 10304 and Staten Island Community College Staten Island, New York 10301
PROGRAM DIRECTORS:	James H. Hensley U. S. Public Health Service Hospital Norma Chernok, Professor Staten Island Community College
AFFILIATED INSTITUTIONS:	Albert Einstein College of Medicine New York Medical College, N.Y.C. Columbia - Presbyterian Medical Center, N.Y.C. New York University School of Medicine, N.Y.C.
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years, 3 months
CURRICULUM DESCRIPTION:	Courses include: Communication Skills, Human Biology, Techniques of Patient Care, Mathematical Analyses, Hygiene, Advanced Safety Service, Physical Education, Introduction to Physical Therapy, Emergency Room Techniques, Psychology, Sociology, Cast and Traction Application, Orthopedic Diseases and Injuries, Bacteriology, Office Procedures and Care of Supplies and Equipment, Operating Room Techniques, Principles of Prosthetics and Orthotics, and Guided Electives.
CREDENTIAL AWARDED:	A.A. Degree and Certification by The American Academy of Orthopaedic Surgeons
MINIMUM REQUIREMENTS:	High School graduate or equivalent
ADDITIONAL PREFERRED REQUIREMENTS:	The program is directed at returning veterans who have had some paramedical training in the Military Service. Also the underemployed individual from the community will be considered.
NUMBER OF STUDENTS ENROLLED:	33
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans, jobs, and stipends are available

PROGRAM TITLE:	Program for Physician Associates
TITLE OF GRADUATES:	Physician Associate
INSTITUTION:	School of Allied Health Professions State University of New York Stony Brook, New York 11790
PROGRAM DIRECTOR:	William De'ak, M.D.
AFFILIATED INSTITUTION:	Long Island Jewish Medical Center
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years, 11 months
CURRICULUM DESCRIPTION:	Courses include: Basic Sciences - Anatomy, Physiology, Human Chemistry; Health Care - Health Science, Foundations of Medicine, Instrumentation, Community Health, Interdisciplinary Seminar; Behavioral Sciences; Research; Medical Courses; Concentration Track.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	1) High School graduate or equivalent 2) Ability to succeed in coursework at Junior - Senior college level demonstrated by: a) 2 years college credit with 'C' or better b) 2 years college level equivalency exam c) Other evidence acceptable to faculty 3) Prior working experience in health care 4) Evidence of maturity for physician assistant role.
ADDITIONAL PREFERRED REQUIREMENTS:	Minimum 1 year full-time paid working experience in health care
NUMBER OF STUDENTS ENROLLED:	15
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships and stipends are available

PROGRAM TITLE:	Pathology Assistant Training Program
TITLE OF GRADUATES:	Pathologist's Assistant
INSTITUTION:	Duke University Medical Center Department of Pathology Durham, North Carolina 27706
PROGRAM DIRECTORS:	Thomas D. Kinney, M.D. Kenneth R. Broda, M.A. Duke University Medical Center Bruce Schlein, M.D. Roger Bulger, M.D. Veterans Administration Hosptial Durham, North Carolina 27706
AFFILIATED INSTITUTION:	Veterans Administration Hosptial
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 year, 3 months
CURRICULUM DESCRIPTION:	Didactic (classroom) courses include: Human Physiology, Human Anatomy, Human Histology, Microbiology, General Pathology, Radiation Safety, Systemic Pathology. Clinical rotations include: Histology, Microbiology, Medical Photography, Autopsy, Pathology, Surgical Pathology.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Selection of students will be made from the following: 1. Graduate (or equivalent) of a 4-year accredited college. 2. Graduate (or equivalent) of a junior college with academic studies 3. High school graduate with at least 2 years experience as a hospital corpsman. An aptitude test is required.
ADDITIONAL PREFERRED REQUIREMENTS:	Past experience in the medical field
NUMBER OF STUDENTS ENROLLED:	6
NUMBER OF STUDENTS GRADUATED:	6
FINANCIAL AID:	Stipends are offered

PROGRAM TITLE:	Physician's Associate
TITLE OF GRADUATES:	Physician's Associate, P.A.
INSTITUTION:	Duke University Medical Center Box 2914-CHS Durham, North Carolina 27706
PROGRAM DIRECTORS:	D. Robert Howard, M.D. David E. Lewis, M.A.
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Basic Science Courses include: Analysis of Health Systems Development, Anatomy and Physiology, Chemical Biology and Pharmacology, Clinical Diagnosis, Objective Medicine, Clinical Medicine, Patient Evaluation, Human Growth and Development. The Clinical Curriculum consists of 36 weeks of required clinical rotations and 24 weeks of elective clinical rotations. Required rotations include: Inpatient Service, Outpatient/Emergency Service, Intensive Care Service, Health Clinic Service, Outside Physician, and Library Research.
CREDENTIAL AWARDED:	Certificate. There may also be a possibility of earning a Bachelor of Health Sciences Degree.
MINIMUM REQUIREMENTS:	High school diploma or equivalent, one year of direct patient contact, minimum SAT combination scores of verbal and math. portions - 800.
ADDITIONAL PREFERRED REQUIREMENTS:	2 years of college, minimum age of 21 years
NUMBER OF STUDENTS ENROLLED:	43
NUMBER OF STUDENTS GRADUATED:	42
FINANCIAL AID:	Scholarships, loans, jobs, and stipends are available

PROGRAM TITLE:	Physician's Assistant Training Program
TITLE OF GRADUATES:	Physician's Assistant (with training in a specialty area)
INSTITUTION:	Bowman Gray School of Medicine of Wake Forest University 300 South Hawthorne Road Winston-Salem, North Carolina 27103
PROGRAM DIRECTORS:	Lee Powers, M.D. Katherine H. Anderson, M.D. 1990 Beach Street Winston-Salem, North Carolina 27103
AFFILIATED INSTITUTIONS:	Forsyth Memorial Hospital V. A. Hospital Reynolds Memorial Hospital Winston-Salem Comprehensive Health Program
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	During Phase I, courses include: Anatomy and Physiology, Pathology, Medical Terminology, Health Services and Ethics, Clinical Laboratory Procedures, Pharmacology, Medical Instrumentation, Clinical Application, Interviewing and Counseling Techniques Human Development, First Aid and Emergencies, Medical Records and Use of Computers. During Phase II, the student may concentrate his clinical training in one of five specialties: Pediatrics, Family Practice, Internal Medicine, Obstetrics, or Surgery. During Phase III, the student receives more intense training in his/her specialty, and spends time in a practicing physician's office.
CREDENTIAL AWARDED:	Certificate; B.S. if applicant has 3 years of acceptable college credit.
MINIMUM REQUIREMENTS:	High school and 2 years of college credit, or training and 3 years of experience as a medical corpsman. Minimum SAT combined score of 800
ADDITIONAL PREFERRED REQUIREMENTS:	In the case of medical corpsmen, one or more years of college credit and experience as an independent duty medical corpsman
NUMBER OF STUDENTS ENROLLED:	20
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans and jobs are available

PROGRAM TITLE:	MEDEX
TITLE OF GRADUATES:	Medex
INSTITUTION:	University of North Dakota Medical School 1600 University Avenue Grandforks, North Dakota 58201
PROGRAM DIRECTOR:	Gerald R. Bassett, M.D., M.P.H.
AFFILIATED INSTITUTION:	State Medical Association
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 year, 3 months
CURRICULUM DESCRIPTION:	Three months of intensive didactic and clinical training at the medical school followed by a 12 month preceptorship with a primary care physician
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Prefer former independent duty corpsmen
ADDITIONAL PREFERRED REQUIREMENTS:	None stated
NUMBER OF STUDENTS ENROLLED:	22
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Salaries are available

PROGRAM TITLE:	Surgical Assistant
TITLE OF GRADUATES:	Surgical Assistant
INSTITUTION:	Cincinnati Technical Institute 3520 Central Parkway Cincinnati, Ohio 45223
PROGRAM DIRECTORS:	Mrs. Nancy Walters Cincinnati Technical Institute Dr. John J. Cranley Good Samaritan Hospital 311 Howell Avenue Cincinnati, Ohio
AFFILIATED INSTITUTIONS:	St. Frances Hospital Good Samaritan Hospital Deaconess Hospital
STAGE OF DEVELOPMENT:	Operational Planning
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses include: Chemistry, Anatomy and Physiology, Laboratory Techniques, Survey of the Medical Profession, Introduction to Surgery, Communication Skills, Mathematics, Principles of Surgical Assisting, Pharmacology, Microbiology, Technical Writing, Economics, Sociology, Pathology, Effective Speaking, Human Relations, Physics, Emergency Procedures, Surgical Seminar, and Cooperative Employment.
CREDENTIAL AWARDED:	Associate of Science Degree
MINIMUM REQUIREMENTS:	High school diploma or equivalent
ADDITIONAL PREFERRED REQUIREMENTS:	Background in science (Chemistry, Math) Military corpsman experience Experience in related health field
NUMBER OF STUDENTS ENROLLED:	27
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans and jobs are available. Salaries are offered during training.

PROGRAM TITLE:	Urologic Associates Program
TITLE OF GRADUATES:	Urologic Associate
INSTITUTION:	University of Cincinnati Medical Center Division of Urology 234 Goodman Avenue Cincinnati, Ohio 45229
PROGRAM DIRECTOR:	Arthur T. Evans, M.D.
AFFILIATED INSTITUTION:	Christ Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	24 months
CURRICULUM DESCRIPTION:	The first nine months of this program are devoted primarily to didactic instruction. During three 12-week quarters, students take the following clinically-oriented courses: Biochemistry, Anatomy, Physiology, Microbiology, Pathology, Pharmacology, Histology, Physical Evaluation and Diagnosis, Urology, History, Ethics of Medicine, Radiology and Psychiatry. The last 15 months are devoted to clinical instruction in urology and closely related fields. Students spend time in endoscopic suite, the urologic in-patient and out-patient services, and surgery, and may elect rotations on certain related services or in a private urologic practice per arrangement with the director.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	High school diploma or equivalent. At least 3 years of medical experience or 2 years of college
ADDITIONAL PREFERRED REQUIREMENTS:	4 years of college with emphasis on scientific disciplines. A successful medical work experience
NUMBER OF STUDENTS ENROLLED:	15
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Undetermined

PROGRAM TITLE:	Undergraduate Anesthesia Program
TITLE OF GRADUATES:	Physician's Assistant
INSTITUTION:	Case Western Reserve University School of Medicine 2119 Abington Road Cleveland, Ohio 44106
PROGRAM DIRECTORS:	J.S. Gravenstein, M.D. F. Rhoton 2065 Adelbert Road Cleveland, Ohio 44106
AFFILIATED INSTITUTIONS:	Metropolitan General Hospital Marymount Hospital Lakewood Hospital Huron Road Hospital Cleveland Clinic St. Luke's Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	4 years
CURRICULUM DESCRIPTION:	Courses include: English, Biology, Physics, Chemistry, Health Science, Clinical Practice, and Electives.
CREDENTIAL AWARDED:	B.S. Degree in Health Sciences and Certificate as Associate in Anesthesiology
MINIMUM REQUIREMENTS:	Requirements for admission to Case Western University
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	24
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans and jobs are available

PROGRAM TITLE:	Clinical Corpsman Training Program
TITLE OF GRADUATES:	Clinical Corpsman
INSTITUTION:	Cleveland Clinic Educational Foundation 2020 East 93rd Street Cleveland, Ohio 44106
PROGRAM DIRECTORS:	D.G. Vidt, M.D. James E. Zucker
AFFILIATED INSTITUTION:	Cuyahoga Community College
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 year (may be extended to 2 years)
CURRICULUM DESCRIPTION:	Courses taken at the community college include: Principles of Medical Science, Anatomy and Physiology, Microbiology. Major areas of clinical emphasis include: Special Techniques and Instrumentation, Introduction to Medicine and Surgery, and Pharmacy and Therapeutics.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	High school diploma or equivalent, at least 2 years civilian or military health related experience, satisfactory performance on the ACT, good physical health
ADDITIONAL PREFERRED REQUIREMENTS:	Some college work, courses in physical and natural sciences
NUMBER OF STUDENTS ENROLLED:	15
NUMBER OF STUDENTS GRADUATED:	21
FINANCIAL AID:	Salaries are offered during training

PROGRAM TITLE:	Surgical Assisting
TITLE OF GRADUATES:	Surgical Assistant
INSTITUTION:	Cuyahoga Community College-Western Campus 7300 York Road Parma, Ohio 44130
PROGRAM DIRECTOR:	Mr. Jim D. Burnette
AFFILIATED INSTITUTIONS:	Lakewood Hospital Pending approval: Deaconess hospital Parma Hospital Southwest General Hospital Kaiser Foundation
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	22 months
CURRICULUM DESCRIPTION:	Courses include: Introduction to Surgical Assisting, Surgical Instruments, Surgical Assisting Techniques, Surgical Assisting Procedures, Surgical Assisting Clinical Applications, Advanced Surgical Assisting Procedures, English, Health and Physical Education, Anatomy and Physiology, Health Technologies, Medical Terminology, Microbiology, Physics, Social Science, Anthropology or Sociology, Social Science or Math, Ethics for Health Technology, and Psychology.
CREDENTIAL AWARDED:	Associate Degree in Science
MINIMUM REQUIREMENTS:	High school graduate or GED, maintainance of a "C" average while in the program
ADDITIONAL PREFERRED REQUIREMENTS:	Medical corpsman or other medical experience
NUMBER OF STUDENTS ENROLLED:	35
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans, and jobs are available. Salaries are offered during training.

PROGRAM TITLE:	Physician's Associate
TITLE OF GRADUATES:	Physician's Associate
INSTITUTION:	University of Oklahoma Medical Center School of Health 800 N.E. 13th Street Oklahoma City, Oklahoma 73104
PROGRAM DIRECTORS:	Thomas N. Lynn, M.D. Bill Stanhope, P.A. William Horsley, M.D.
AFFILIATED INSTITUTION:	Veterans Administration Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	The training consists of a 10-month didactic and 14-month clinical period. Courses include: Gross Anatomy, Ethics of Medical Practice, Health Care Systems, Backgrounds for Clinical Chemistry, Medical Terminology, Behavior Dynamics, Animal Surgery, Introduction to Radiology, Patient Evaluation, Introduction to Clinical Medicine, Data Processing, Clinical Bacteriology, Clinical Laboratory, Introduction to Pharmacology, Gross Pathology, and Allied Physiology. Clinical rotations are in: Coronary Care Unit-Intensive Care Unit, Pulmonary Disease Service, General Medicine, General Surgery, Outpatient-Emergency Room, Preceptorship, and 2 Electives.
CREDENTIAL AWARDED:	Bachelor of Health Degree
MINIMUM REQUIREMENTS:	60 previous hours of transferable college credit. Two years of personal health delivery experience.
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	9
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Loans are available

PROGRAM TITLE:	Physician Assistant in Family Practice
TITLE OF GRADUATES:	Physician's Assistant
INSTITUTION:	University of Oregon Medical School 3181 S.W. Sam Jackson Park Road Portland, Oregon 97201
PROGRAM DIRECTOR:	Laurel G. Case, M.D., Director Division of Family Practice 3171 S.W. Sam Jackson Park Road Portland, Oregon 97201
AFFILIATED INSTITUTION:	Providence Hospital
STAGE OF DEVELOPMENT:	Pilot Planning
LENGTH OF PROGRAM:	1 year, 3 months
CURRICULUM DESCRIPTION:	Not yet finalized
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Registered Nurse (Diploma or Baccalaureate) or ex-independent duty experience corpsman
ADDITIONAL PREFERRED REQUIREMENTS:	Motivation for family practice in area of need
NUMBER OF STUDENTS ENROLLED:	Information not available
NUMBER OF STUDENTS GRADUATED:	None
FINANCIAL AID:	Jobs will be available. Availability of additional financial aid not determined at this time.

PROGRAM TITLE:	Mental Health Technology Program
TITLE OF GRADUATES:	Mental Health Technologist
INSTITUTION:	Hahnemann College of Allied Health Sciences 235 N. 15th Street Philadelphia, Pennsylvania 19102
PROGRAM DIRECTORS:	Paul J. Fink, M.D. 249 N. Broad Street Philadelphia, Pennsylvania 19107 Hugh Rosen 314 N. Broad Street Philadelphia, Pennsylvania 19102
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses include: Therapeutic Modalities and the Mental Health Technologist, Introduction to Mental Health, Orientation to Group Therapy, Individual Human Development, Anatomy and Physiology, Psychopathology, The Individual, Society, and Culture, Marriage and Family Dynamics, Anthropological Psychiatry, Culture and Community Problems, Introduction to Medical Statistics, Clinical Case Seminar, Mental Health Technology in Perspective, Professional Journal and Research Seminar, Family Seminar, Social Welfare Perspectives, Psychopharmacology Seminar, Practicum in Mental Health Technology.
CREDENTIAL AWARDED:	B.S. Degree
MINIMUM REQUIREMENTS:	60 academic college credits: 6 credit hours of basic English; 6 credit hours of advanced English; 3 credit hours of mathematics; 6 credit hours of biology; 6 credit hours of chemistry, physics, psychology, sociology, or anthropology; 6 credit hours of history, political science, or economics; 6 credit hours of art history, philosophy, or logic; 21 credit hours of electives.
ADDITIONAL PREFERRED REQUIREMENTS:	High level of industry, enthusiasm and flexibility
NUMBER OF STUDENTS ENROLLED:	24
NUMBER OF STUDENTS GRADUATED:	2
FINANCIAL AID:	Scholarships and loans are available

PROGRAM TITLE:	Bachelor of Science in Health Care Sciences and Certificate of Proficiency (Clinical Associate)
TITLE OF GRADUATES:	Clinical Associate
INSTITUTION:	School of Allied Health Sciences University of Texas Medical Branch Galveston, Texas
PROGRAM DIRECTOR:	Robert K. Bing, Dean
AFFILIATED INSTITUTION:	Information not available
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	The first year consists of 33 semester credits in the allied health sciences core curriculum and 18 credits in fundamentals of clinical associate practice. The second year permits students to select and pursue a specialization in one of the following: Family Medicine, Internal Medicine, Neurosurgery, or Pediatrics.
CREDENTIAL AWARDED:	Bachelor of Science Degree Certificate of Proficiency in Specialization
MINIMUM REQUIREMENTS:	Minimum of 60 semester credits in arts and sciences, minimum grade point average of 2.0 on a 4.0 scale, acceptable scores on pre-admission evaluation of mental abilities, personality inventory, personal interview, evidence of good physical and mental health
ADDITIONAL PREFERRED REQUIREMENTS:	Information not available
NUMBER OF STUDENTS ENROLLED:	6
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Infomation not available

PROGRAM TITLE:	Utah MEDEX Demonstration Program
TITLE OF GRADUATES:	Medex
INSTITUTION:	University of Utah College of Medicine 50 North Medical Drive Salt Lake City, Utah 84113
PROGRAM DIRECTORS:	C. Hilmon Castle, M.D. William M. Wilson
AFFILIATED INSTITUTIONS:	Intermountain Regional Medical Program Utah State Medical Association
STAGE OF DEVELOPMENT:	Full Operation Planning
LENGTH OF PROGRAM:	1 year, 3 months
CURRICULUM DESCRIPTION:	After training at the medical school for 3 months, the Medex will be assigned for a year to a preceptor who will be a physician in general practice. For these 12 months, he will assist the physician by learning and applying primary care skills under his close supervision.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Former military corpsmen trained to a level of independent performance
ADDITIONAL PREFERRED REQUIREMENTS:	Willingness to live and work in small and/or rural communities
NUMBER OF STUDENTS ENROLLED:	Information not available
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Stipends are offered during training

PROGRAM TITLE:	MEDEX
TITLE OF GRADUATES:	Medex
INSTITUTION:	University of Washington Medical School 444 N.E. Ravenna Boulevard Seattle, Washington 98115
PROGRAM DIRECTOR:	Richard A. Smith, M.D.
AFFILIATED INSTITUTION:	State Medical Association
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 years, 3 months
CURRICULUM DESCRIPTION:	Three months of intensive didactic and clinical training at the medical school followed by a 12-month preceptorship with a primary care physician.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Prefer former independent duty corpsmen
ADDITIONAL PREFERRED REQUIREMENTS:	None stated
NUMBER OF STUDENTS ENROLLED:	34 (another class of 17 to begin December, 1971)
NUMBER OF STUDENTS GRADUATED:	14
FINANCIAL AID:	Salaries are available

PROGRAM TITLE:	Physician's Assistant Program
TITLE OF GRADUATES:	Physician's Assistant
INSTITUTION:	Alderson-Broaddus College College Hill Philippi, West Virginia 26416
PROGRAM DIRECTOR:	Hu C. Myers, M.D. 112 N. Woods Street Philippi, West Virginia 26416
AFFILIATED INSTITUTIONS:	Broaddus Hospital Myers Clinic West Virginia University
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	4 years
CURRICULUM DESCRIPTION:	Courses include Anatomy and Physiology, Bacteriology and Microbiology, Chemistry, Elementary Analysis, Human Growth and Development, Development in Adulthood, Human Adjustment, History, Philosophy and Ethics of Medicine, Community Medicine, Pharmacology, Pathology, General Considerations in Medicine, Biomedical Physics, Clinical Diagnostic Procedures, History Taking, Diseases Caused by Physical, Chemical and Biological Agents, Diseases of Organs and Systems, Seminar in Medical Science, and 24 semester hours of liberal studies.
CREDENTIAL AWARDED:	B.S. Degree
MINIMUM REQUIREMENTS:	Graduation from an accredited secondary school, demonstration of good scholarship, high character, and strong motivation. Satisfactory test-data on SAT or ACT. At least 10 (preferably 15) units in college preparatory subjects. Recommendations and a health certificate
ADDITIONAL PREFERRED REQUIREMENTS:	Demonstration of interest in the sciences. Qualities of honesty, integrity, and devotion
NUMBER OF STUDENTS ENROLLED:	95
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Scholarships, loans, and jobs are available

PROGRAMS FOR EXTENDING NURSING ROLES

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PROGRAM TITLE:	Pediatric Nurse Associate
TITLE OF GRADUATES:	Pediatric Nurse Associate
INSTITUTION:	Good Samaritan Hospital 1033 E. McDowell Road Phoenix, Arizona 85036
PROGRAM DIRECTORS:	David P. Folkestad Nancy Melvin, R.N.
AFFILIATED INSTITUTION:	Maricopa Technical College
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	4 months
CURRICULUM DESCRIPTION:	Courses include: Pediatric Health History and Physical Examination, Physical and Psycho-Social Growth and Development, Sensory Development and Problems, Community Health Concepts and Agencies, Family Nutrition, Clinical Problems of Children, Emergencies, Laboratory, Common Problems of Child Care, Role Reorientation and "System Change." Demonstration and Clinical Experience include: Infant Examination in Newborn Nursery, Well Baby Clinics, Community Child Care Clinics, Pediatric Ward Rounds, Specialty Clinics, Sick Child Clinics, Laboratory, Case Presentations
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Registered Nurses with interest and experience in pediatrics. Both B.A. and Diploma graduates
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	4
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	No financial assistance available

PROGRAM TITLE:	Family Nurse Practitioner Program
TITLE OF GRADUATES:	Family Nurse Practitioner
INSTITUTION:	University of California, Davis School of Medicine Department of Family Practice Davis, California 95616
PROGRAM DIRECTORS:	Jean G. French, Dr. P.H. Constance Roth Robert Taines, M.D.
AFFILIATED INSTITUTIONS:	Alameda County Medical Institution University of California, School of Public Health, Berkeley California State Department of Health, Bureau of Nursing
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 year, 6 months
CURRICULUM DESCRIPTION:	Required courses include: Fundamentals of Medicine and Seminar for Family Nurse Practitioners. Electives include: Epidemiology, Statistics, and others in the area of physical and social sciences.
CREDENTIAL AWARDED:	Master's Degree
MINIMUM REQUIREMENTS:	Baccalaureate degree in nursing with an acceptable grade point average. Minimum of two years community-focused nursing experience. Two letters of recommendation from former employers.
ADDITIONAL PREFERRED REQUIREMENTS:	The nurse should have demonstrated her/his nursing abilities and be secure and innovative, comfortable with responsibility, capable of independent decision making, have an inquiring mind and interest in clinical medicine, and be committed to giving high quality care.
NUMBER OF STUDENTS ENROLLED:	Approximately 45
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Loans and stipends are available

PROGRAM TITLE:	Clinical Education of School Nurse Practitioner
TITLE OF GRADUATES:	School Nurse
INSTITUTION:	Children's Health Center 8001 Frost Street San Diego, California 92123
PROGRAM DIRECTORS:	David Chadwick, M.D. J. Edmund Bradley, M.D.
AFFILIATED INSTITUTION:	University Hospital of San Diego
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	6 weeks
CURRICULUM DESCRIPTION:	There is a total of 90 hours of formal instruction
CREDENTIAL AWARDED:	None at present
MINIMUM REQUIREMENTS:	B.S. in nursing and credential to serve as a school nurse in California
ADDITIONAL PREFERRED REQUIREMENTS:	Ability to work effectively with students, parents and school personnel. Mature judgement and ability to exercise individual initiative. Evidence of flexible adaptive personality and ability to exercise patience and tact.
NUMBER OF STUDENTS ENROLLED:	4
NUMBER OF STUDENTS GRADUATED:	4
FINANCIAL AID:	Salaries are provided by the employing school system

PROGRAM TITLE:	Pediatric Nurse Practitioner Program
TITLE OF GRADUATES:	Pediatric Nurse Practitioners
INSTITUTION:	University of Colorado Medical Center School of Nursing Division of Continuing Education 4200 E. 9th Avenue Denver, Colorado 80220
PROGRAM DIRECTOR:	Elda S. Popiel, R.N.
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	4 months
CURRICULUM DESCRIPTION:	The focus of study is the well child in the family, school, and community setting. The two areas of study: "Evaluation of Child Health," and "The Nurse's Role In Community Child Health." Specific instruction is given in: Physical Examination, Pediatric Health History and Interviewing, Psycho-social Development, Common Problems, Speech Development, Family Nutrition, and Screening Procedures. In the first 8 weeks, practice is given in: Infant Examination, Use of Instruments, Well Baby Clinic, Ward Rounds, Head Start Child Evaluation, Dermatology, Pediatric Cardiology, Common Problems, Child Development, and others. In the last 8 weeks, practice is in: Community Child Care Clinics, Attendance in Specialty Clinics, Ward Rounds, Case Presentations, Community Project, and Laboratory.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Graduation from a National League of Nurses accredited Baccalaureate program, employment in a setting concerned with health of children and their families in the community, and availability for the entire educational program.
ADDITIONAL PREFERRED REQUIREMENTS:	Completion of application, two letters of reference, and an educational transcript; availability for personal or telephone interview; if sponsored by an agency or institution, committment for sponsorship during the program and plans for implementing the nurses's expanded knowledge in the home agency.
NUMBER OF STUDENTS ENROLLED:	10
NUMBER OF STUDENTS GRADUATED:	70
FINANCIAL AID:	No financial aid available from the University

PROGRAM TITLE:	School Nurse Practitioner
TITLE OF GRADUATES:	School Nurse Practitioner
INSTITUTION:	University of Colorado, School of Medicine 4200 E. 9th Avenue Denver, Colorado 80220
PROGRAM DIRECTORS:	Henry K. Silver, M.D. Nancy Nelson, M.D. Elda Popiel, R.N.
AFFILIATED INSTITUTIONS:	Denver Public Schools Denver General Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	4 months
CURRICULUM DESCRIPTION:	Courses are in areas of Nursing and Education, and include both clinical and didactic portions
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Bachelor of Science in Nursing and R.N. Two letters of personal reference and two letters of professional reference. A cooperating school system which has made formal agreement to employ the nurse following this experience. An established plan whereby the nurse will have available medical backup when she returns to the school setting. Completion of application, and availability for personal or telephone interview.
ADDITIONAL PREFERRED REQUIREMENTS:	Priority will be given to school nurses who are from school districts which will assume a significant portion of the economic responsibility for the nurse's education.
NUMBER OF STUDENTS ENROLLED:	4
NUMBER OF STUDENTS GRADUATED:	4
FINANCIAL AID:	Scholarships and stipends are available.

PROGRAM TITLE:	Pediatric Nurse Associate Program
TITLE OF GRADUATES:	Pediatric Nurse Associates
INSTITUTION:	University of Connecticut, School of Nursing School of Medicine Hartford Plaza Hartford, Connecticut 06105
PROGRAM DIRECTORS:	Louis I. Hochheiser, M.D. Lynne Schilling, R.N., M.N. University of Connecticut Health Center 2 Holcomb Street Hartford, Connecticut 06112
AFFILIATED INSTITUTIONS:	Hartford Hospital Hartford Health Department
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 semester
CURRICULUM DESCRIPTION:	Course areas include: Approach to Health Care, Growth and Development, Child as Family and Community Member, Physical Evaluation, Preventive Counseling, the Ill Child
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	B.S. Degree in Nursing, experience in Child Health Care or equivalent
ADDITIONAL PREFERRED REQUIREMENTS:	None
NUMBER OF STUDENTS ENROLLED:	7
NUMBER OF STUDENTS GRADUATED:	7
FINANCIAL AID:	No financial aid is available

PROGRAM TITLE:	Pediatric Nurse Practitioner Program
TITLE OF GRADUATES:	Pediatric Nurse Practitioner
INSTITUTION:	Yale University, School of Nursing 333 Cedar Street New Haven, Connecticut 06510
PROGRAM DIRECTORS:	T.F. Dolan, M.D. K. Nuckolls, R.N., Ph.D.
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Pilot Testing
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	The curriculum is still in the process of development. Presently, it consists of: 1. Two 1 1/2 hour didactic clinical sessions weekly for 32 weeks 2. Weekly seminars in growth and development, approximately 3 hours a week for 30 weeks 3. Weekly sessions with a social worker, 1 hour a week for 30 weeks 4. Weekly sessions in an encounter group to discuss interviewing techniques for 1 semester, 1 hour a week, approximately 16 hours 5. Initial 6 or 8 weeks, 12 hours weekly devoted to clinical sessions learning and developing clinical skills, followed by 12 hours of clinical experience supervised by faculty
CREDENTIAL AWARDED:	Master's Degree
MINIMUM REQUIREMENTS:	B.A. in nursing, preferably with public health experience
ADDITIONAL PREFERRED REQUIREMENTS:	Interest in community problems
NUMBER OF STUDENTS ENROLLED:	3
NUMBER OF STUDENTS GRADUATED:	4
FINANCIAL AID:	No financial aid available

PROGRAM TITLE:	Comprehensive Nurse Clincian
TITLE OF GRADUATES:	Nurse Clinician
INSTITUTION:	University of Delaware Newark, Delaware 19711
PROGRAM DIRECTOR:	Mary K. Carl, Ph.D., R.N. Dean, College of Nursing
AFFILIATED INSTITUTION:	None Stated
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Courses include: Maternal and Child Nursing, Concepts of Maternal and Child Health, Statistics, Nursing of Children, Research methods in Nursing, Seminar in Nursing. Thesis, Special Problems in Nursing, Seminar and Practicum in Implementation and Functional Role of Nursing, Thesis, Minor Courses.
CREDENTIAL AWARDED:	Master's Degree
MINIMUM REQUIREMENTS:	Graduate of NLN accredited baccalaureate program in nursing. Completion of an undergraduate nursing curriculum similar to that of the University of Delaware. Registration as a professional nurse.
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	7
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Not specified

PROGRAM TITLE:	Pediatric Nurse Associate Program
TITLE OF GRADUATES:	Pediatric Nurse Associates (PNA's)
INSTITUTION:	Rush Presbyterian - St. Luke's Medical Center 1753 W. Congress Parkway Chicago, Illinois 60612
PROGRAM DIRECTORS:	Iris Shannon Dr. Joseph Christian Rush Presbyterian - St. Luke's Medical Center
AFFILIATED INSTITUTIONS:	Mile Square Health Center Infant Welfare Society
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	16 weeks, 16 hours per week
CURRICULUM DESCRIPTION:	There are 4 hours of didactic and 12 hours of clinical practice per week. The general subject areas of the curriculum are as follows: Family, Community, and Other Factors Affecting Health; Counseling and Interviewing; Growth and Development; Well Child Supervision; Childhood Problems; Pediatric Assessment Process.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	R.N. Licensure, currently practicing in ambulatory pediatric setting
ADDITIONAL PREFERRED REQUIREMENTS:	Understanding and willingness to accept and function in a new role
NUMBER OF STUDENTS ENROLLED:	6
NUMBER OF STUDENTS GRADUATED:	6
FINANCIAL AID:	Scholarships are available

PROGRAM TITLE:	Nurse Associate Training Program
TITLE OF GRADUATE:	Nurse Associate
INSTITUTION:	Evanston Hospital 2650 Ridge Avenue Evanston, Illinois 60201
PROGRAM DIRECTOR:	H. Philipsborn, M.D.
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Pilot Planning (To begin operation September, 1971)
LENGTH OF PROGRAM:	6 Months
CURRICULUM DESCRIPTION:	None Stated
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	B.N. and B.S. in Nursing or Equivalent
ADDITIONAL PREFERRED REQUIREMENTS:	None Specified
NUMBER OF STUDENTS ENROLLED:	None to date
NUMBER OF STUDENTS GRADUATED:	None
FINANCIAL AID:	Stipends are offered

PROGRAM TITLE:	A Graduate Major in Nursing of Children
TITLE OF GRADUATES:	None specified
INSTITUTION:	University of Iowa Iowa City, Iowa 52440
PROGRAM DIRECTOR:	June L. Triplett College of Nursing
AFFILIATED INSTITUTION:	None indicated
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	3 semesters
CURRICULUM DESCRIPTION:	Courses include: Advanced Nursing of Children, Methodology of Nursing Research, Research in Nursing, Issues in Nursing, Electives, Thesis.
CREDENTIAL AWARDED:	Master's degree
MINIMUM REQUIREMENTS:	R.N., B.S. in Nursing (including courses in Public Health Nursing)
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	10
NUMBER OF STUDENTS GRADUATED:	2
FINANCIAL AID:	Some traineeships are available.

PROGRAM TITLE:	Family Nurse Training Program
TITLE OF GRADUATES:	Family Nurses
INSTITUTION:	Frontier Nursing Service Hyden, Kentucky 41749
PROGRAM DIRECTORS:	Gertrude Isaacs, D.N.-Sc. W.B. Rogers Beasley, M.D.
AFFILIATED INSTITUTIONS:	University of Kentucky Vanderbilt University, School of Nursing
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	1 year
CURRICULUM DESCRIPTION:	Courses include: Diagnosis and Management of Common Health Problems, Family Health -- Assessment and Guidance, Management of Prenatal and Postnatal Care, Family Planning, Child Care, Intrapartal Care, Gynecological and Obstetrical Problems, Management of Newborn, Independent Study, Community Health Problems, District Management, Management of Clinical Problems, Family Dynamics and Communications.
CREDENTIAL AWARDED:	Certificate. Affiliation with University for baccalaureate degree being sought
MINIMUM REQUIREMENTS:	R.N., preferably with one year experience. May be a graduate of A.D., diploma, or baccalaureate program in nursing. Personal qualification, committment, and ability to make sound professional judgements.
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	12
NUMBER OF STUDENTS GRADUATED:	256
FINANCIAL AID:	No information

PROGRAM TITLE:	Pediatric Nurse Associate Program
TITLE OF GRADUATES:	Pediatric Nurse Associate
INSTITUTION:	University of Maine 96 Falmouth Street Portland, Maine 04103
PROGRAM DIRECTORS:	George W. Hallett, M.D. Margaret Howard, R.N. Maine Medical Center 22 Bramhall Street Portland, Maine 04102
AFFILIATED INSTITUTION:	Maine Medical Center
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	16 weeks
CURRICULUM DESCRIPTION:	Experiences include the following: Newborn Experience, Experience in Pediatric Ambulatory Setting, Physical Assessment. Courses include: Normal Growth and Development, Interviewing and Counseling, Special Needs of Children, Common Illnesses of Infancy, Common Illnesses of Pre-School Child, Common Illnesses of School Age Child, Common Illness of Adolescence, Management of Injury and Trauma, Role Reorientation
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Licensed Professional Nurse
ADDITIONAL PREFERRED REQUIREMENTS:	Experience in Pediatric and/or Public Health Nursing Position that allows expansion of role
NUMBER OF STUDENTS ENROLLED:	6
NUMBER OF STUDENTS GRADUATED:	12
FINANCIAL AID:	Salaries are provided by the agency sponsoring the student

PROGRAM TITLE:	Boston College School of Nursing and Harvard Medical School Joint Program - The Macy Program
TITLE OF GRADUATES:	Maternity Nursing Clinical Specialists Pediatric Nursing Clinical Specialists
INSTITUTIONS:	Boston College and Harvard Medical School 10 Shattuck Street Boston, Massachusetts 02115
PROGRAM DIRECTORS:	Dr. Howard N. Jacobson Miss Teresa Chopoorian
AFFILIATED INSTITUTIONS:	Boston Hospital for Women Children's Hospital Medical Center
STAGE OF DEVELOPMENT:	Full Operation Planning
LENGTH OF PROGRAM:	2 years
CURRICULUM DESCRIPTION:	Not available
CREDENTIAL AWARDED:	Master of Science Degree
MINIMUM REQUIREMENTS:	Nurse Baccalaureate degree. Meet requirements of the Boston College Graduate School. Minimum one year work experience. Interview.
ADDITIONAL PREFERRED REQUIREMENTS:	None
NUMBER OF STUDENTS ENROLLED:	Information not available
NUMBER OF STUDENTS GRADUATED:	None
FINANCIAL AID:	Stipends are offered during training.

PROGRAM TITLE:	Pediatric Nurse Practitioner Program
TITLE OF GRADUATES:	Pediatric Nurse Practitioner
INSTITUTION:	Massachusetts General Hospital and Northeastern University Boston, Massachusetts
PROGRAM DIRECTORS:	Alfred Yankauer, M.D. John P. Connelly, M.D. Priscilla M. Andrews, M.S. Bunker Hill Health Center 73 High Street Charlestown, Massachusetts 02129
AFFILIATED INSTITUTIONS:	Children's Hospital Medical Center Massachusetts Eye and Ear Infirmary Kennedy Memorial Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	4 months
CURRICULUM DESCRIPTION:	Subjects covered include: The Child, The Family, The Community, Interviewing and Counseling, Patient Management for Comprehensive Care, Nursing Management of Pediatric Health Problems, The Nurse's Changing Role, and a Clinical Practicum.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	1. Graduation from a school of nursing approved by the National League for Nursing 2. Possession of a licence to practice as a registered nurse 3. Employed in a comprehensive, ambulatory pediatric practice setting (or firm committment of employment upon completion of the program) 4. Committment of employer to allow nurse to function in an expanded role 5. Firm committment of applicant and employer to applicant's continuing education
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	42
NUMBER OF STUDENTS GRADUATED:	58
FINANCIAL AID:	Loans are available

PROGRAM TITLE:	Health Nurse Clinician Project
TITLE OF GRADUATES:	Health Nurse Clinician
INSTITUTION:	College of Nursing Wayne State University Detroit, Michigan 48202
PROGRAM DIRECTOR:	Dawn H. Zagornik
AFFILIATED INSTITUTION:	Henry Ford Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF DEVELOPMENT:	2 years
CURRICULUM DESCRIPTION:	Courses include: Adult Clinical Nursing, Research in Nursing, Vertebrate Physiology, Field Practice in Adult Clinical Nursing, Clinical Judgment in Nursing, Statistics, Nurse Clinician Role, Nurse Clinician Role in Care of Groups, Seminar in Clinical Nursing, Essay Direction, Nurse Clinician Role in the Community, Seminar in Clinical Nursing.
CREDENTIAL AWARDED:	Master's Degree
MINIMUM REQUIREMENTS:	Baccalaureate degree in nursing from an N.L.N. accredited program, licensed to practice in Michigan, "B" average.
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	No information
NUMBER OF STUDENTS GRADUATED:	No information
FINANCIAL AID:	No information

PROGRAM TITLE:	Post Baccalaureate Educational Program for Nurses in Ambulatory Child Health Care
TITLE OF GRADUATES:	Pediatric Nurse Associate
INSTITUTION:	School of Public Health University of Minnesota 1325 Mayo Memorial Building Minneapolis, Minnesota 55455
PROGRAM DIRECTORS:	Alma G. Sparrow, R.N., M.S. University of Minnesota Homer Venters, M.D. St. Paul - Ramsey Hospital 640 Jackson St. Paul, Minnesota 55101
AFFILIATED INSTITUTIONS:	University of Minnesota College of Medicine St. Paul Ramsey Hospital Hennepin County General Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	9 Months
CURRICULUM DESCRIPTION:	Instruction is given in Foundations of Child Health Assessment and Care, Family Development, Adolescent Psychology, Behavior Problems, and Personality Development.
CREDENTIAL AWARDED:	Certificate and Master's Degree
MINIMUM REQUIREMENTS:	Baccalaureate degree in nursing from a National League for Nursing accredited program. Public health or pediatric nursing practice experience is preferred. Individual consideration is given to persons who have not graduated from National League for Nursing accredited programs.
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	Information not available
NUMBER OF STUDENTS GRADUATED:	7
FINANCIAL AID:	Scholarships are available and stipends are offered

PROGRAM TITLE:	Graduate Major in the Nursing of Children
TITLE OF GRADUATES:	Not specified
INSTITUTION:	St. Louis University 221 North Grand Boulevard St. Louis, Missouri 63103
PROGRAM DIRECTOR:	Miss Irene I. Riddle
AFFILIATED INSTITUTION:	Cardinal Glennon Memorial Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	3 semesters and a summer session
CURRICULUM DESCRIPTION:	Courses are in the area of Bio-Behavioral Science, Research Methodology, Clinical Major, Electives, and a functional component. Functional component includes: Seminar Practicum in the Teaching of Nursing, or Seminar and Practicum in the Supervision of Nursing.
CREDENTIAL AWARDED:	Master's degree
MINIMUM REQUIREMENTS:	Information not available
ADDITIONAL PREFERRED REQUIREMENTS:	Information not available
NUMBER OF STUDENTS ENROLLED:	7
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Information not available

PROGRAM TITLE:	Pediatric Nurse Practitioner Training Program
TITLE OF GRADUATES:	Pediatric Nurse Practitioner
INSTITUTION:	Washington University School of Medicine 4550 Scott Avenue St. Louis, Missouri 63110
PROGRAM DIRECTORS:	Lawrence Kahn, M.D. Stanley Lyss, M.D.
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	8 months
CURRICULUM DESCRIPTION:	The didactic phase lasts for 4 months and consists of 208 hours of formal instruction and 360 hours of clinical work. The practicum consists of 600 hours of clinical work. The student is prepared to provide primary pediatric care in ambulatory facilities, such as well-baby and well-child clinics, pediatric out-patient departments, neighborhood health centers, and private pediatric offices. The student is trained to obtain medical histories, perform physical examinations, and assess the physical, psychological, and intellectual growth of the pediatric patient. She will be capable of counseling families in matters of nutrition, accident prevention, and general child rearing.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	R.N. from an N.L.N. accredited school
ADDITIONAL PREFERRED REQUIREMENTS:	B.S. or higher degree, experience in pediatric nursing or health care delivery
NUMBER OF STUDENTS ENROLLED:	8
NUMBER OF STUDENTS GRADUATED:	9
FINANCIAL AID:	Scholarships and loans may be available

PROGRAM TITLE:	Medical Nurse Practitioner
TITLE OF GRADUATES:	Medical Nurse Practitioner
INSTITUTION:	University of Rochester School of Medicine and Dentistry 260 Crittenden Boulevard Rochester, New York 14620
PROGRAM DIRECTOR:	Joan E. Lynaugh, R.N., M.S.
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Planning
LENGTH OF PROGRAM:	Not stated
CURRICULUM DESCRIPTION:	Under development
CREDENTIAL AWARDED:	None stated
MINIMUM REQUIREMENTS:	Under development
ADDITIONAL PREFERRED REQUIREMENTS:	Under development
NUMBER OF STUDENTS ENROLLED:	None to date
NUMBER OF STUDENTS GRADUATED:	None to date
FINANCIAL AID:	Under development

PROGRAM TITLE:	Training Program for Pediatric Nurse Associates
TITLE OF GRADUATES:	Pediatric Nurse Associates
INSTITUTION:	Good Samaritan Hospital Cincinnati, Ohio 45220
PROGRAM DIRECTORS:	Donald J. Frank, M.D. Patricia Chaney, R.N.
AFFILIATED INSTITUTIONS:	Cincinnati Health Department Lincoln Heights Clinic Clermont County Service Center Pilot City Health Service St. Joseph Infant Home
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	4 months
CURRICULUM DESCRIPTION:	Formal instruction is given in: Growth and Development, Interview and Counseling, Family Dynamics, Health Assessment and Supervision, Common Childhood Illnesses, Professional Adjustments, and Evaluation. Practice is in: Denver Developmental Screening Test Workshop, Newborn Nurseries and St. Joseph Infant Home, and a preceptorship in clinics and on-the-job.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Graduate of N.L.N. Approved Nursing Program. Nurses from either a Baccalaureate or Diploma program are eligible. The nurse must be registered in Ohio and employed in an ambulatory pediatric setting, and must be recommended by the employer. The employer must agree to release the nurse for class time and allow him/her to function in an expanded role. The employer must provide on-the-job training by a pediatrician.
ADDITIONAL PREFERRED REQUIREMENTS:	Preference will be given to those who graduated in the upper third of their class
NUMBER OF STUDENTS ENROLLED:	11
NUMBER OF STUDENTS GRADUATED:	52
FINANCIAL AID:	Jobs are available; salaries are offered

PROGRAM TITLE:	Ophthalmic Nursing Course for Registered Nurses
TITLE OF GRADUATES:	Registered Nurse
INSTITUTION:	Baylor College of Medicine 1200 Moursund Avenue Houston, Texas 77025
PROGRAM DIRECTORS:	David Paton, M.D. Juanita Mitchell, R.N.
AFFILIATED INSTITUTIONS:	Ben Taub Hospital Veterans Administration Methodist Hospital
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	6 weeks
CURRICULUM DESCRIPTION:	The first week is devoted to lectures in the basic sciences, i.e., Anatomy and Physiology of the eye, Pharmacology and Therapeutics. The second and third weeks consist of didactic teaching in surgical techniques, operating room techniques, and care and maintenance of ophthalmic surgical instruments. Instruction will also be given in management of the eye patient in the ophthalmologist's office, use of the lensometer, perimetry, tonometry, simple basic refractions, and muscle imbalances. Clinical experience will be provided in the various eye departments of the affiliated hospitals. During the three weeks, the student may choose special instruction in certain subjects such as ophthalmic surgical techniques, strabismus, clinical photography, tonography, or care of the contact lens patient.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Registered nurse
ADDITIONAL PREFERRED REQUIREMENTS:	None specified
NUMBER OF STUDENTS ENROLLED:	6
NUMBER OF STUDENTS GRADUATED:	96
FINANCIAL AID:	No financial aid is available

PROGRAM TITLE:	Pediatric Nurse Practitioner Program
TITLE OF GRADUATES:	Pediatric Nurse Practitioners
INSTITUTIONS:	Wilford Hall USAF Medical Center Lackland Air Force Base San Antonio, Texas 78236
PROGRAM DIRECTOR:	Col. Howard H. Johnson
AFFILIATED INSTITUTION:	None
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	21 weeks
CURRICULUM DESCRIPTION:	The program consists of didactic lectures and demonstrations and supervised experience in the outpatient clinic, the newborn nursing and to a limited extent in the inpatient service. Subject matter covered includes: physical examination, well child care, newborn care, growth and development, nutrition, immunization, the premature behavior problems, mental retardation, infectious disease, dematology, allergy, pediatric, gynecology, neurology, poisoning, trauma, and adolescence.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	Graduate R.N. must be on active duty with U.S. Air Force with at least one year's experience in pediatrics
ADDITIONAL PREFERRED REQUIREMENTS:	Degree preferred but not mandatory
NUMBER OF STUDENTS ENROLLED:	3
NUMBER OF STUDENTS GRADUATED:	3
FINANCIAL AID:	Salaries are paid during training

PROGRAM TITLE:	Pediatric Nurse Clinician Training Program
TITLE OF GRADUATES:	Pediatric Nurse Clinician
INSTITUTION:	University of Virginia, School of Medicine Charlottesville, Virginia 22901
PROGRAM DIRECTOR:	William G. Thurman, M.D. Department of Pediatrics
AFFILIATED INSTITUTION:	Central Virginia Community Health Center.
STAGE OF DEVELOPMENT:	Operational
LENGTH OF PROGRAM:	16 weeks
CURRICULUM DESCRIPTION:	Students are trained to take a complete pediatric history, do a complete physical examination to determine the presence of abnormality, and to provide care or obtain consultation either on an emergency or elective basis as may be indicated by the circumstances. Routine well baby and well child care and the treatment of minor non life-threatening conditions are included.
CREDENTIAL AWARDED:	Certificate
MINIMUM REQUIREMENTS:	R.N. Bachelor's Degree not required
ADDITIONAL PREFERRED REQUIREMENTS:	Experience in pediatric nursing
NUMBER OF STUDENTS ENROLLED:	11
NUMBER OF STUDENTS GRADUATED:	15
FINANCIAL AID:	Salaries are offered during training

PLANNED OR OPERATIONAL

This listing includes addresses of programs which came to our attention after the survey had been completed, and those which did not provide us with detailed information. Also included are nurse-midwifery programs which offer certificates upon completion of training.

ARIZONA

Family Nurse Practitioner
Herbert K. Abrams, M.D.
University of Arizona
Tucson, Arizona 85705

ARKANSAS

Assistant Pathologists Program
R. A. Burger, M.D.
Baptist Medical Center
1700 West Thirteenth
Little Rock, Arkanas 72201

CALIFORNIA

Physician's Assistant
Woodbury Perkins, M.D.
Director of Medical Education
Mercy Hospital & Medical Center
4077 - 5th Avenue
San Diego, California 92103
(Program at San Diego State College
San Diego, California 92115)

Physician's Assistant
Michael T.B. Dennis, M.D.
Stanford University Medical Center
Stanford, California 94305

COLORADO

Obstetrical Associate
James J. Delaney, M.D.
University of Colorado Medical Center
Denver, Colorado

CONNECTICUT

Internal Medicine Nurse Practitioner
John Schulman, M.D.
Yale University
School of Medicine
New Haven, Connecticut 06510

DISTRICT OF COLUMBIA

Physician's Assistant
Dr. Kenneth Barry
D.C. General Hospital
Washington, D. C. 20003

Physician's Assistant Program
Mr. Jarrett Weiss
George Washington University
2150 Pennsylvania Avenue, N.W.
Washington, D. C. 20037

GEORGIA

Physician's Assistant
John B. Palmer, M.D.
Medical College of Georiga
Augusta, Georgia 30902

ILLINOIS

Dermatology Assistant
Sanford I. Lamberg, M.D.
Section of Dermatology
Pritzker School of Medicine
University of Chicago
950 East 59th Street
Chicago, Illinois 60637

INDIANA

Health Hazard Appraisal Program
(Preventive Medicine Physician's Assistant)
Lewis C. Robbins, M.D.
Methodist Hospital of Indiana, Inc.
1604 Capital Avenue
Indianapolis, Indiana 46207

Opstetric Nurse Assistant
David Copher, M.D.
Methodist Hospital of Indiana, Inc.
1604 Capital
Indianapolis, Indiana 46207

Pediatric Nurse Associate
Gabriel J. Rosenberg, M.D.
Methodist Hospital of Indiana, Inc.
Pediatric Section
Children's Pavilion
1604 North Capital Avenue
Indianapolis, Indiana 46202

KANSAS

Physician's Assistants Working with Patients with Chronic Disease Program
Charles Lewis, M.D.
University of Kansas Medical Center
Kansas City, Kansas 66103

KENTUCKY

Nurse Midwifery
Helen E. Browne, C.N.M.
School of Nurse-Midwifery
Frontier Nursing Service
Wendover, Kentucky 41775

MARYLAND

Surgical Associate
Archie S. Golden, M.D.
Health Associates Training Program
Johns Hopkins University
624 N. Broadway
Baltimore, Maryland 21205

MICHIGAN

Orthopaedic Physician's Assistant
Diane Hanson
Director, Orthopaedic Program
Marygrove College
8425 West McNichols Road
Detroit, Michigan 48221

Physician's Assistant
Fred L. Rights
Wayne State University School of Medicine
1400 Chrysler Freeway
Detroit, Michigan 48207

MINNESOTA

Physician's Associate (in planning)
Department of Family Practice and
Community Health
University of Minnesota
Health Sciences Center
Minneapolis, Minnesota 55455

MISSISSIPPI

Nurse Midwifery
Marie Meglen, C.N.M.
Nurse - Medwifery Program
University of Mississippi Medical Center
2500 North State Street
Jackson, Mississippi 39216

MISSOURI

Physician's Assistant in Gerontology
Mr. Charles E. Berry
Saint Louis University
St. Louis, Missouri

NEW JERSEY

Physician's Associate
W. H. Jenkins, Ph.D.
Department of Biology
Livingston College
Rutgers University
New Brunswick, New Jersey 08903

Physician's Assistant
Charles Vevier, Ph.D.
College of Medicine and Dentistry of New Jersey
100 Bergen Street
Newark, New Jersey 07103

NEW MEXICO

Nurse Midwifery
Sister Katherine Shean
Community Maternity Institute
417 East Palace Avenue
Santa Fe, New Mexico 87501

NEW YORK

Physician's Associate
Dr. S.W. Cooper
Albany Medical College of Union University
and Hudson Valley Community College
Albany, New York 12208

Family Health Worker
Montefiore Hospital
E. Gunhill Road and Bainbridge Avenue
Bronx, New York 10467

Nurse Midwifery
Marion Strachan, C.N.M.
Nurse - Midwifery Program
Downstate Medical Center
State University of New York
450 Clarkson Avenue
Brooklyn, New York 11203

Physician's Associate
Thomas W. Jones, M.D.
College of Physicians and Surgeons of
Columbia University
Harlem Hospital Center
135th Street and Lenox Avenue
New York, New York 12037

Title Unknown
Kenneth May, M.D.
Corpsman Training Program
Harlem Hospital Center
Lenox Avenue and West 13th
New York, New York 10037

NORTH CAROLINA

Plastic Surgical Assistant Program (planning)
Dr. Paul Biggers
Division of Otolaryngology
Memorial Hospital
Chapel Hill, North Carolina 27514

Nurse Practitioner Program
Dean Lucy H. Conant
School of Nursing
University of North Carolina
Chapel Hill, North Carolina 27514

Surgeon's Assistant Program
Dr. Paul Biggers
North Carolina Memorial Hospital
University of North Carolina
Chapel Hill, North Carolina 27514

PENNSYLVANIA

Physician's Assistant Program
W. W. Oaks, M.D.
Hahnemann Medical College and Hospital
Department of Medicine
230 North Broad Street
Philadelphia, Pennsylvania 19102

Physician's Assistant (U.S. Navy)
Jefferson Medical College
1025 Walnut Street
Philadelphia, Pennsylvania 19107

PUERTO RICO

Nurse Midwifery
Myrian Castro De Castaneda, C.N.M.
Puerto Rico Nurse - Midwifery Program
University District Hospital
Caparra Heights, Puerto Rico 00731

Nurse Midwifery
Ponce School of Maternity and Nurse-Midwifery
Ponce District General Hospital
Ponce, Puerto Rico 00731

TEXAS

Physician's Assistant
Harry J. Parker, M.D.
School of Allied Health Professions
University of Texas Southwestern Medical School
Dallas, Texas

Physician's Assistant
Baylor University
College of Medicine
1200 Moursund
Houston, Texas 77025

Physician's Assistant
Col. Jerrold L. Wheaton
USAFMPC/SGPSE
Randolph AFB, Texas 78148
(Open only to active duty military personnel)

TEXAS (contd)

Physician's Assistant
Col. Jerrold L. Wheaton
School of Health Care Science
Sheppard Air Force Base
San Antonio, Texas
(Open only to active duty military personnel)

WEST VIRGINIA

Pediatric Nurse Practitioner
Barbara Jones, M.D.
West Virginia University Medical Center
School of Nursing, Department of Pediatrics
Morgantown, West Virginia 26506

APPENDIX

For Information on. . .

CIVIL SERVICE QUALIFICATIONS for the position of Physician's Assistant:

Write the U.S. Civil Service Commission, 1900 'E' Street, N.W., Washington, D.C. 20415 and ask for Announcement No. 428.

EMERGENCY MEDICAL TECHNICIAN training programs:

Write Mr. Kenneth C. Skaggs, Coordinator of Service Projects at the American Association of Junior Colleges, One Dupont Circle, Washington, D.C. 20036.

MEDEX TRAINING PROGRAMS:

Write Mr. Charles E. Magnusson, Director, Medex Communications Center, 444 N.E. Ravenna Boulevard, Suite 203, Seattle, Washington 98115.

MEDICAL ASSISTANT training programs and membership:

Write Mrs. Dene R. Murray, Executive Director, American Association of Medical Assistants, One E. Wacker Drive, Suite 1510, Chicago, Illinois 60601.

M.E.D.I.H.C. (Military Education Directed into Health Careers) a guidance service for ex-military personnel, organized through state agencies:

Write Miss Alice B. Frazier, Program Coordinator, MEDIHC, Division of Allied Health Manpower, Bureau of Health Manpower Education, National Institutes of Health, 9000 Rockville Pike, Bethesda, Maryland 20014.

MILITARY TRAINING PROGRAMS for physician's assistants:

The *AIR FORCE* has a requirement for 150 PA's. Classes of 25 will start every four months until requirements are met. The first class began July 1, 1971. The program is located at Shepard Air Force Base, Wichita Falls, Texas. A minimum requirement for students is two years of experience in contact with patients. The course will be of 24 months duration with 12 months of academic study and 12 months preceptorship. Graduates will have a senior non-commissioned officer rank. For more information write Col. George R. Anderson, USAF, MC, Chief, Medical Education Division (AF-SGPSE), Office of the Deputy Director for Staffing and Education, Randolph, AFB, Texas 78148.

The *ARMY* has a requirement for 400 PA's. Classes of 60 will begin every six months. The first class will begin in February, 1972. The program is located at Fort Sam Houston and is affiliated with Baylor University in order that two years of college credit may be obtained. The course is the same length and general structure as the Air Force program. Graduates will be warrant officers. For more information write Col. Robert Kerrigan, MSC, USA, Chief, Training Division, Office of the Surgeon General, Department of the Army, Washington, D.C. 20314.

NAVY requirements and plans are not yet completed. However, they also anticipate a two-year course. The program will most likely be located in Philadelphia and may be affiliated with Jefferson Medical School. Classes are not expected to start until the middle of 1972. For more information write Capt. James E. Wilson, MC, USN, Head, Educational Support Service, Naval Medical School, National Naval Medical Center, Bethesda, Maryland 20014.

OPERATING ROOM TECHNICIAN training programs and membership:

Write the Association of Operating Room Technicians, c/o A.O.R.N. Incorporated, 8085 E. Prentice Avenue, Englewood, Colorado 80110.

PEDIATRIC ASSOCIATE, ASSISTANT, and AIDE training programs:

Write Mr. Wesley J. Duiker, Director, Office of Allied Health Manpower, American Academy of Pediatrics, 1801 Hinman Avenue, Evanston, Illinois 60204.

"PA" PROFESSIONAL MEMBERSHIP:

Write John J. McQuery, President of the American Academy of Physicians' Associates (formerly the American Association of Physician's Assistants) P.O. Box 2914 CHS, Duke University Medical Center, Durham, North Carolinia 27706. The Academy's journal *PHYSICIAN'S ASSOCIATE* is edited by Russel F. Lawrence. The journal carries a 'situations wanted' column for both physicians and assistants; entries should be forwarded to James R. Asher, assistant editor at the above address. Subscription orders for the journal should be sent to Charles B. Slack, Inc., Publisher, "Physician's Associate", 6900 Grove Road, Thorofare, New Jersey 08086.

VETERANS ADMINISTRATION training programs for physician's assistants and other allied health occupations:

Write Mrs. Martha Long Phillips, Coordinator, Allied Health Training Programs, Veterans Administration, Vermont at "H" Street, N.W., Washington, D.C. 20420.